



NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY

Venkatagiri kote(P), Devanahalli(Tq),

Bangalore-562164

**(An ISO 9001-2015 QMS Certified Institution,
Accredited by NAAC with A+ Grade)**



**An Autonomous Institute, Affiliated to Visvesvaraya Technological University, Belagavi
Approved by AICTE, New Delhi**

IQAC ANNUAL REPORT 2021-2022



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1. ABOUT NAGARJUNA EDUCATION SOCIETY:

The **Nagarjuna Education Society (NES)** stands as an icon for enriching education, ethics and practical learning for the benefit of the society and the young aspiring students. The philosophy and its purpose are rendered in its identity, committing to leadership and excellence in education.

For seeing the necessity of professional academic educational facilities that are imbibed in a strong value system, Nagarjuna Education Society was established in 1995, under the able guidance of its founder Sri. J. V. Ranga Raju, leading industrialist and philanthropist. NES is today pursuing its mission with some of the finest facilities in Education- from primary school to professional education.

These institutions include, Nagarjuna Vidyaniketan, Nagarjuna Pre-University College, Nagarjuna College of Commerce and Management Studies, Nagarjuna College of Management Studies and **Nagarjuna College of Engineering & Technology**. Year after year, these institutions which are well-known for their professionalism, and strong value system, are fulfilling the Society Vision by discovering and developing the potentials of thousands of young minds to their perfection.

NES enjoys the patronage of Nagarjuna Construction Company, which is India's fast growing Construction Company, and second largest in terms of turnover, according to „Construction World NICMAR“. It's also the only construction company from India that found its place in the Forbes Asia list of 'Best under a Billion' in Asia Pacific.

Institutions run by Nagarjuna Education Society:

1.	Nagarjuna Vidya Nikethan	1995
2.	Nagarjuna PU College– Bangalore	2000
3.	Nagarjuna College of Engineering & Technology	2001
4.	Nagarjuna Degree College –Yelahanka	2013
5.	Nagarjuna College of Management Studies	2015
6.	Nagarjuna PU College– Devanahalli	2015

2. ABOUT THE INSTITUTION:

Nagarjuna College of Engineering & Technology has crafted the vision to be among the Top Engineering Colleges in Karnataka. All the strategies and policies that we plan have this over-arching goal as a guide. The college has very good infrastructural facilities and the people at NCET are among the best in their fields. The world is changing at exponential rate such that future is no more an extrapolation of the past and the present. It is important to be innovative to keep pace with the world. Science & technology have a great role to play in building India into a developed nation.

The Nagarjuna College of Engineering and Technology is strategically located on the Bangalore-Hyderabad National Highway, a road that falls on the Golden quadrangle. Its proximity to the International airport at Bangalore gives it strategic location and commutability. The lush green campus is spread across 72 acres with on-campus residence for boys and girls. The hostels have amenities like mess, recreation room and state of art Gymnasium etc. Students are encouraged to actively participate in outdoor games as well.

NCET is a tribute to nation from the business house of Nagarjuna Construction Company Ltd. The college is proud to be associated with such a prestigious organization.

3. About NCET IQAC

An internal mechanism for sustenance, assurance and enhancement of the quality culture of education is imparted by NCET. NCET have established the Internal Quality Assurance Cell (IQAC) as a post accreditation quality sustenance activity. NCET, enlisted/recognized under section 2(f) and eligible to receive central assistance under Section 12B of the UGC Act, 1956 and fit to receive General Development Assistance.

Internal Quality Assurance Cell (IQAC) maintaining the momentum of quality consciousness is crucial. Internal Quality Assurance Cell, in fact, is a mechanism to build and ensure a quality culture at the institutional level. NCET have an internal quality assurance system, with appropriate structure and processes, and with enough flexibility to meet the diverse needs of the stakeholders. The IQAC- NCET is meant for planning, guiding and monitoring Quality Assurance (QA) activities of the colleges. The IQAC channelize and systematize the efforts and measures of an institution towards academic excellence. The IQAC-NCET became a driving force for ushering in quality by working out intervention strategies to remove deficiencies and enhance quality.

Goals of the IQAC- NCET:

- To develop a quality system for to improve the academic and administrative performance of the NCET
- To promote measures for institutional functioning towards quality enhancement through internationalization of quality culture and institutionalization of best practices.
- Development and application of quality benchmarks/parameters for the various academic and administrative activities of the NCET;
- Arrangement for feedback responses from students, parents and other stakeholders on quality-related institutional processes;
- Dissemination of information on the various quality parameters of higher education;
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- Documentation of the various programmes / activities of the College, leading to quality improvement;
- Acting as a nodal agency of the NCET for coordinating quality-related activities, including adoption and dissemination of good practices
- Development of the Annual Quality Assurance Report (AQAR) of the NCET based on the quality parameters/assessment criteria developed by the relevant quality assurance body (like NAAC, NBA) in the prescribed format.

IQAC Committee Members (2022-23)

Sl.No	Name	Designation	Role
1	Dr. B V Ravishankar	Principal, NCET	Chairman
2	Prof. Dr. S G Gopala Krishna	Director, Nagarjuna Education Society Bengaluru	Governing Body Nominee
3	Mr. M.C. Varadaraja	Head, Human Resource Development, Central Food Technology Research Institute (CSIR-CFTRI) Mysore	VTU Nominee
4	Sri Madan Mohan	Vice President, Human Resource Aequs Pvt. Ltd., Hatragi Village, Hukkeri Taluk Belagavi	VTU Nominee
5	Prof. Shiv Govind Singh	A-609, Academic Block-A, Indian Institute of Technology, Hyderabad	VTU Nominee
6	Mrs. Sindhu Srinivas	Associate Director, Cognizant Technology Solutions, Bengaluru	Alumni Member
7	Dr. Gopalakrishnan K	Advisor R&D	Member
8	Dr. Sarvesha M.V.	COE, NCET Bengaluru	Member
9	Mr. Periyaswamy	Placements Department	Member
10	Dr. Kavitha K Mahesh	Professor, Dept of CSE	Member
11	Prof. Dr. Rohith S	Associate Professor, Dept. of E&C	Member
12	Prof. Pankaja K	Associate Professor, Dept of CSE	Member
13	Mr. Srinivas S	INC20EC041, IV Sem, Dept. of ECE	Member
14	Mrs. Sandhya L	Alumni of NCET	Member
15	Mr. M Rajanna	Parent of Tejas Sachin (21CV006)	Member
16	Mr. Bhaskar Reddy	Chief Financial Officer	Member, Non-Teaching Staff of the College
17	Mr. Manjunath J	Head Student Welfare Department	Member, Non-Teaching Staff of the College
18	Mrs. Brunda N	Head-HR	Member, Non-Teaching Staff of the College
19	Dr. Yogeesh H C	Professor & Associate Director(IQAC)	Member Secretary/Coordinator

4. Institutional Achievements:

Nagarjuna College of Engineering and Technology always proves itself as one of the best institutions and paves an innovative path in the field of technical education that produces engineers who are working globally to reach the summit of success in their lives. Some of the outstanding awards received by NCET for its core competence are listed below:

- Nagarjuna College of Engineering and Technology is affiliated to VTU (Visvesvaraya Technological University), Belagavi, recognized by Government of Karnataka (GoK) and approved by AICTE under Ministry of Human Resource Development (MHRD).
- The Institution is re-accredited by NAAC with A+ grade with a CGPA of 3.38 during its second cycle.
- Four UG Programmes such as Civil Engineering, Computer Engineering, Information Engineering, Electrical Engineering are accredited by NBA from 2018-19 to 2021-22.
- Institution's Innovation Council (IIC) established at Nagarjuna College of Engineering & Technology, Bangalore had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Government of India to promote Innovation and Start-up in campus. IIC has achieved a ranking of 3.5 on a 5 point scale during the academic year 2021-22.
- Nagarjuna College of Engineering And Technology, Bengaluru is categorized as 'Band B' institution (rank between 26-50) in category of in Atal Ranking of Institutions on 'Private or Self-Financed College/Institutes' Innovation Achievement (ARIIA) 2020 announced on 18 Aug 2020. And Best Performer during 2021-22.
- ISO 9001:2015 for Quality Management System.
- ISO 27001: 2013 for Information Security Management System.
- ISO 14001:2015 for Food Quality & Safety in Cafeteria & Mess.
- ISO 22000:2018 for Environment Management System.
- Institute of Excellence - MHW – Rankings – 2021 – A3 Band – Institute of Excellence.
- Award: – “Most Promising Engineering & Technology College of the Year 2021” Karnataka Award under “Quality Education & Placements”.
- Award: - “Most Promising Engineering & Technology College of the Year 2021” Karnataka Award under “Outstanding Performance in Virtual Knowledge Delivery during Pandemic”.
- Award:- Best Engineering College in Karnataka 2021- 15th Rashtriya Shiksha Gaurav Puraskar Ceremony 2021.
- Award: - Most Promising Business School in Karnataka - Global Education Forum -2021-
- Award: - Outcome Based Education- OBE Ranking 2021 – Certificate of Excellence -2021
- Establishment of R & D Cell headed by R & D Advisor and 7 Departments recognized by VTU as Research Centers
- R & D Policy with Incentives scheme for research work
- Vibrant Institute-Industry-Interaction/Collaboration Activities
- Patents filed and published - 78
- Quality Research Papers Published in High Impact Journals: 150+
- Nagarjuna UNITY Satellite will be NCET's 2nd Satellite to be Launched as part of 75 Students' Satellites Mission to Celebrate India's Freedom 75 Years!
- Initiated Sponsored International Hands-on Training for Faculty Members at Reputed Universities (Dr.S.Rohith completed 3 weeks Training at Tokyo, Japan at Nihon University & Tokyo University)





5. Approved Intake of UG and PG Program

I. No	Programme	Branch	Intake
1	B.Tech	Electronics & Communication Engineering (EC)	120
2		Computer Science & Engineering (CS)	120
3		Information Science & Engineering (IS)	60
4		Civil Engineering (CV)	120
5		CSE – Artificial Intelligence and Machine Learning (CI)	60
6		CSE – Data Science (CD)	60
Total			540

Sl. No	Programme	Branch	Intake
1	M. Tech	Structural Engineering	24
2		Construction Technology	18
3	MBA	Master Of Business Administration	120
Total			162

Achievements/Activities by Departments:

Appreciation and recognition are important for an institution to expand its holistic development in all spheres. Ultimately, recognitions help the institution to foster its values towards its excellence. Nagarjuna College of Engineering and Technology has agreed to develop academic and educational cooperation. The Memorandum of Understanding will facilitate the exchange of faculty and administrative staff, exchange of scholars, graduate and undergraduate students, short-term courses visit by students on a credit transfer/study abroad programme basis, conduct collaborative research projects, conduct lectures and organizing symposia and exchange of academic information and materials. Almost all the departments of NCET signed MoUs with famous industries and various MNCs. In the current year, Nagarjuna College of Engineering and Technology signed MoUs with various agencies and institutions from India and abroad for collaborative work. The details of the MoUs of each department have shown here.

6. MOUs, Consultancy Projects and Funded Projects

6.1 The details of the recognitions and MoUs of each department:

Sl. N	The organization with which MoU is signed	Year of signing MoU	Duration	Name of the activity under each MOU year-wise	Number of the participants
1	Seventh sense (UNDP)	March 2022	3 Years	Entrepreneurship Development Programme	70
2	Outleap Technologies	March 2022	3 Years	Value added Programmes	50
3	Future X Ready	April 2022	3 Years	Industrial Training & Visits, Internships, Guest Lectures and Placement of trained students	70
4	International institute of influencers	April 2022	3 Years	Higher education Opportunities	50
5	Sri Shasha Prayathi Technologies PVT LTD, Surathkal, Mangalore	September 2021	5 Years	Training / Skill Development Activities	60
6	Rebatt Energy Solution	June 2022	3 Years	Training / Skill Development Activities	70
7	M/s E-Services	April 2021	2 years	Training / Skill Development Activities	50
8	NASSCOM/IT-ITeS SECTOR SKILLS	March 2021	3 Years	Future Skills prime	75
9	Itie Knowledge Solution	May 2022	3 Years	Training / Skill Development Activities	70
10	Edu Skills	April 2021	3 years	AWS, GoDaddy & Red Hat Global	60

6.2 Consultancy Activities:

Consulting is providing an opportunity for the engineering faculty to share their insights into real-world problems. It is a dynamic learning process concerning students and faculty as it increases the teaching and research activities which helps to gain real-time experience and also compensation. The consultancy aims to bridge the gap between industry and institutions to provide support solutions to industries and other organizations. The departments took active initiation in carrying out the consultancy activities and the details are as follows:

S. N	Name of the Teacher consultants	Name of consultancy project/corporate training programme	Consulting/Sponsoring agency with contact details	Year	Revenue generated (INR in Lakhs)	Number of trainees
1	Mr. Shashikiran S, Mr. Sujith S K	Testing of Materials (Concrete, Aggregate Bricks) Durability Test	M/s Aadithya Build Tech, Bangalore, M/s Sai Infra, Muddenahalli, Sri Lakshmi Enterprises, Chickballapur	1 Year	153400	16
2	Dr Ramesh P S	Third Party Inspection of houses	KRIDL	1 Year	9216	10
3	Dr Ramesh P S	Third Party Inspection of road	KRIDL	1 Year	34385	10
4	Dr Pinky Devi & Ms Thanusha	Master Training In Project Management Level- 1 For District Nirmithi Kendra Engineers Phase 1-Batch 1	Karnik Engineers from Govt of Karnataka	1 Year	25000	16
5	Mr. Arun Kumar S	Website Design	Nesara Consulting Engineers Pvt. Ltd.	1 Year	6000	10
6	Mr Shashi Kiran s	Material Testing	M/s Aadithya Build Tech, Bangalore	1 Year	10500	10
7	Dr Ramesh P S	Material Testing	Sri Lakshmi Enterprises, Chickaballpur	1 Year	5400	10
8	Mr Shashi Kiran s	Material Testing	V.Venkatesh, Chickaballpur, Bangalore	1 Year	4000	10

6.3 Funded Projects:

Sl.no.	Name of Faculty	Department	Name of the Funding agency	Funds Received
1	Dr. K Kumar	Civil Engineering	Karnataka State Council for Science and Technology	5000
2	Dr. Nagaraj V K, Ms. Chaya S	Civil Engineering	Karnataka State Council for Science and Technology	4000
3	Mrs. Geetha SD, Ms. Chaya S	Civil Engineering	Karnataka State Council for Science and Technology	3000
4	Dr. Nagaraj V K	Civil Engineering	Karnataka State Council for Science and Technology	4000
5	Dr Venkatesh babu DL Mr Sandeep	Civil Engineering	Water Institute	10000
6	Dr N Kapilan	Mechanical Engineering	All India Council for Technical Education	15,00,000
7	Mr Shashikanth G S	Mechanical Engineering	Karnataka State Council for Science and Technology	6000
8	Mr. Subramanya SG	Computer Science and Engineering	Karnataka State Council for Science and Technology	6000
9	Dr. Nagseh K N	ECE	All India Council for Technical Education	3,89,000
10	Dr. Nagesh K N	ECE	All India Council for Technical Education, Under MODROB Scheme	8,00,000
11	Dr. Rohith S	ECE	Karnataka State Council For Science And Technology	5000
12	Dr. H Venkatesh Kumar	ECE	Karnataka State Council For Science And Technology	5500
13	Mr.Sreenivasulu KN	ECE	Karnataka State Council for Science and Technology	5500

14	Ms. Jyothi S K	ECE	Karnataka State Council for Science and Technology	5500
15	Mr. Srikanth	ISE	Karnataka State Council for Science and Technology	5000
16	Dr. Rohith S	ECE	All India Council for Technical Education	93000

7. Workshops/Guest Lectures/ Conferences/ Seminars/Special Trainings Organized /Value-added courses Offered:

Attending the Workshops, Guest Lectures, Conferences, Seminars, Special Training programmes and Value added courses enrich the real-world interactions with rich and experienced faculty. Their great knowledge and experience will help us to improve the role of classroom teaching and learning in the practical world. Specialized workshop activities focus on the development of time management, leadership building, innovation, and many other things that creates maximum awareness among faculty members and students. Despite the COVID Pandemic, almost all the departments in the institution organised workshops, guest lectures, seminars and special training programmes for the staff and students through both online and offline modes based on the situations, which would benefit them by enhancing their knowledge in their field of study.

The details of Program organized and attended are as follows:

S.No	Programs organized	No. of Programmes organized
1	FDPs/Workshops/Training Programs/ Seminars organized for Teaching	4
2	FDPs/Workshops/Training Programs/ Seminars Attended for Teaching	190
3	Programs organised for Students	45
4	Sensitization Programs are organised for promoting Gender Equity.	2
5	Value Added Courses	6
6	Conferences Organized	1

7.1 Workshop/ FDP/ Webinar/Seminar Organized: (1st August 2021 to 31st August 2022)

Sl. No	Resource personName	Designation	Title	Date	Type ofevent
1	Mr. Abhishek Singh	Examiner of patents and Designs	Intellectual Property rights	10.03.2022	Webinar
2	Mr. S Hiriyanna	Scientist, ISRO	Introduction on Space, Satellite & Launch Vehicle	27.03.2022	Seminar
3	Mr. Mohan,	Practice Head, Wipro	Employees Value	28-05-2022	Seminar
4	Dr. Anand sharma	Asst. professor, Department of ECE, MNNIT	Antenna Design: Recent developments and Challenges	21.5.2022	Seminar

7.2 Workshops, FDP/STTP Attended by Faculty members:

Sl. No	Name of Teacher attended the Program	Title of the Program	Duration (from – to) (DD-MM-YYYY)
1	Mrs. Sharada T	Five days Webinar on " FoodSafety for Well - Being"	5 Days (20-09-2021 to 24-09-2021)
2	Dr. Rajeshwari R	Analysis, Design & Testing ofTowers	5 Days (13-09-2021 to 17-09-2021)
3	Mrs. Chaitra D M	Analysis, Design & Testing ofTowers	5 Days (13-09-2021 to 17-09-2021)
4	Dr. L Pinky Devi	Analysis, Design & Testing ofTowers	5 Days (13-09-2021 to 17-09-2021)
5	Ms. Rajeshwari GV	Five-day Virtual FDP on “Changing Dimensions of IPR inIndia - An Intellectual Deliberation”	5 Days (12-08-2021 to 17-08-2021)
6	Mrs. Chaitra D M	Failure of Bridges and its Rehabilitation & Retrofitting	10 Days (11-08-2021 to 20-08-2021)
7	Dr. Rajeshwari R	Failure of Bridges and its Rehabilitation & Retrofitting	10 Days (11-08-2021 to 20-08-2021)
8	Dr. L Pinky Devi	Failure of Bridges and its Rehabilitation & Retrofitting	10 Days (11-08-2021 to 20-08-2021)
9	Ms. Gagana B	Failure of Bridges and its Rehabilitation & Retrofitting	10 Days (11-08-2021 to 20-08-2021)
10	Mr. Kiran S	Failure of Bridges and its Rehabilitation & Retrofitting	10 Days (11-08-2021 to 20-08-2021)
11	Mr. Shashikiran S	Failure of Bridges and its Rehabilitation & Retrofitting	10 Days (11-08-2021 to 20-08-2021)

12	Ms. M G Vidhyashree	Failure of Bridges and its Rehabilitation & Retrofitting	10 Days (11-08-2021 to 20-08-2021)
13	Mr. Rachith K	Failure of Bridges and its Rehabilitation & Retrofitting	10 Days (11-08-2021 to 20-08-2021)
14	Ms. Rajeshwari GV	5 Days International Faculty Development Program entitled "Experimental Teaching - Corporate Cognizance"	5 Days (09-08-2021 to 13-08-2021)
15	Dr. Roshini G R	5 days Online FDP on Mathematical Developments in Cryptography and Data Science	5 Days (09-08-2021 to 13-08-2021)
16	Ms. Gagana B	Emerging Technologies in Electric Vehicles	2 Weeks (02-08-2021 to 14-08-2021)
17	Dr. Nagesh K N	Artificial Intelligence and automation	5 Days (09/03/2022 to 14/03/2022)
18	Mr. Mahesh Shastri	Advances in Material sciences	5 Days (01/03/2022 to 05/03/2022)
19	Ms. Prathima N	Advances in Material sciences	5 Days (01/03/2022 to 05/03/2022)
20	Dr. Nagesh K N	Renewable Energy for Sustainable Development	5 Days (01/03/2022 to 05/03/2022)
21	Dr. Ajay Kumar Dwivedi	Renewable Energy for Sustainable Development	5 Days (01/03/2022 to 05/03/2022)
22	Dr. Venkatesh Kumar H	Mathematics in Artificial Intelligence, Machine Learning and Deep Learning for Faculty and Practitioners	5 Days (01-09-2021 to 05-09-2021)
23	Mrs. Rashmi G P	FDP on Advanced Concepts of Outcome based education	6 Days (02-04-2022 to 07-04-2022)
24	Dr. Ajay Kumar Dwivedi	Antenna: Design, Fabrication and Measurement	5 Days (02/08/2021 to 06/08/2021)
25	Mr. Mallanna	Emerging Trends in OFC Technology"	5 Days (02/08-2021 to 06/08/2021)
26	Ms. Jyothi S K	Cyber Physical Security for Critical Infrastructure: Smart Grid	5 Days (02-08-2021 to 06-08-2021)
27	Ms. Hemalatha .B	"Futuristic Semiconductor devices for high end application"	5 Days (03/01/2022 to 07/01/2022)
28	Ms. Jyothi S K	Recent trends of Control systems in Power Electronic converters	5 Days (03/01/2022 to 07/01/2022)
29	Mrs. Zaiba	Advanced Technologies in Electric & Electronic systems	5 Days (03/01/2022 to 07/01/2022)
30	Dr. H Venkatesh Kumar	Recent Research Trends in Biomedical Technology	5 Days (04/04/2022 to 08/04/2022)
31	Dr. Ajay Kumar Dwivedi	Recent Research Trends in Biomedical Technology	5 Days (04/04/2022 to 08/04/2022)
32	Dr. Nagesh K N	Recent Research Trends in Biomedical Technology	5 Days (04/04/2022 to 08/04/2022)
33	Mrs. Nagma	Recent Research Trends in Biomedical Technology	5 Days (04/04/2022 to 08/04/2022)

34	Ms. Sunitha.M	Nano Electronics and RF Engineering	5 Days (06/09/2021 to 10/09/2021)
35	Dr. Nagesh K N	Signal processing for 5G and IOT	5 Days (06/09/2021 to 10/09/2021)
36	Mrs. Naghma Anjum	Electronic Assistive Devices	5 Days (07/01/2022 to 13/01/2022)
37	Mrs. Rani B.A	Electronic Assistive Devices	7 Days (07/01/2022 to 13/01/2022)
38	Mrs. Rashmi G.P	Robotics and Artificial Intelligence	5 Days (07/02/2022 to 11/02/2022)
39	Mr. Sunil T	Research development program on program formulation, publication, proposal and thesis writing	6 Days (07/02/2022 to 12/02/2022)
40	Dr. Venkatesh Kumar H	Hands-on Workshop on Software Defined Radios	5 Days (07/03/2022 to 11/03/2022)
41	Dr. Ajay Kumar Dwivedi	Hands-on Workshop on Software Defined Radios	5 Days (07/03/2022 to 11/03/2022)
42	Mrs. Bhargavi K V	one week faculty development program on " Integration of Renewable energy and smart grid for smart cities"	6 Days (07/03/2022 to 12/03/2022)
43	Ms. Prathima N	one week faculty development program on " Integration of Renewable energy and smart grid for smart cities"	6 Days (07/03/2022 to 12/03/2022)
44	Dr. Ravi Kumar M G	one week faculty development program on " Integration of Renewable energy and smart grid for smart cities"	6 Days (07/03/2022 to 12/03/2022)
45	Mr. Srinivasalu K N	one week faculty development program on " Integration of Renewable energy and smart grid for smart cities"	6 Days (07/03/2022 to 12/03/2022)
46	Ms. Sunitha.M	Six Days FDP on "Integration of Renewable Energy and Smart Grids for smart cities"	6 Days (07/03/2022 to 12/07/2022)
47	Mr. Nanda Kishore C.V	Smart Autonomous Driving Systems	5 Days (07-03-2022 to 11-03-2022)
48	Dr. Ravi Kumar M G	Advanced Technologies & challenges in Electronics and Communication Engineering	5 Days (08/03/2022 to 12/03/2022)
49	Mrs. Deepthi Prakash	Reinforcement and its applications	5 Days (08/11/2021 to 12/11/2021)
50	Dr. Ajay Kumar Dwivedi	Artificial Intelligence and automation	8 Days (09/03/2022 to 14/03/2022)
51	Mr. Sunil Kumar B S	Artificial Intelligence on System on Chip (SoC)	5 Days (10/01/2022 to 14/01/2022)
52	Mrs. Deepthi Prakash	Revolution on 5G and beyond with industrial instrumentation approach machine learning	5 Days (13/09/2021 to 17/09/2021)
53	Mrs. Deepthi Prakash	An Overview Of Teaching Techniques In Electronics And Communication Engineering	5 Days (13/12/2021 to 17/12/2021)

54	Mrs. Rashmi G.P	Robotics	5 Days (14/02/2022 to 18/02/2022)
55	Mrs. Bhargavi K V	Paper & Thesis drafting using Latex Environment	5 Days (14/02/2022 to 18/02/2022)
56	Mr. Sreenivasulu K N	Paper & Thesis drafting using Latex Environment	5 Days (14/02/2022 to 18/02/2022)
57	Dr. Ajay Kumar Dwivedi	Next Generation Wireless Technologies: 5G and beyond	6 Days (16/08/2021 to 21/08/2021)
58	Dr. Rohith S	Machine Learning Applications on Image Processing	5 Days (17/01/2022 to 21/01/2022)
59	Mr. Mahesh M R	Machine Learning Applications on Image Processing	5 Days (17/01/2022 to 21/01/2022)
60	Mr. Sreenivasulu K N	Machine Learning Applications on Image Processing	5 Days (17/01/2022 to 21/01/2022)
61	Mr. Harish V	Machine Learning Applications on Image Processing	5 Days (17/01/2022 to 21/01/2022)
62	Mr. ShashiKiran R	Machine Learning Applications on Image Processing	5 Days (17/01/2022 to 21/01/2022)
63	Mr. KasettyRambabu	Machine Learning Applications on Image Processing	5 Days (17/01/2022 to 21/01/2022)
64	Ms. Hemalatha B	Machine Learning Applications on Image Processing	5 Days (17/01/2022 to 21/01/2022)
65	Mrs. Rashmi G.P	Machine Learning Applications on Image Processing	5 Days (17/01/2022 to 21/01/2022)
66	Dr. Vivek Singh	Recent trends in electronics & communication engineering	5 Days (17/01/2022 to 21/01/2022)
67	Dr. Ravi Kumar M G	Cyber Physical Systems and Industrial IoT	5 Days (17/01/2022 to 21/01/2022)
68	Dr. Venkatesh Kumar H	Quantum Computing	5 Days (19-07-2021 to 23-07-2021)
69	Ms. Sunitha.M	Magnetic Levitation	5 Days (20/09/2021 to 24/09/2021)
70	Dr. Ajay Kumar Dwivedi	Innovations and Research Trends in Artificial Intelligence	5 Days (21/02/2022 to 25/02/2022)
71	Mr. Sreenivasulu K N	Matlab& its applications in image processing & its communication	5 Days (21/02/2022 to 25/02/2022)
72	Dr. Vivek Singh	Innovations and Research Trends in Artificial Intelligence	6 Days (21/02/2022 to 26-02-2022)
73	Dr. Rohith S	Microwave Antennas: Design & Measurement	6 Days (21/02/2022 to 26-02-2022)
74	Ms. Prathima N	Microwave Antennas: Design & Measurement	6 Days (21/02/2022 to 26-02-2022)
75	Dr. Ajay Kumar Dwivedi	Microwave Antennas: Design & Measurement	6 Days (21/02/2022 to 26-02-2022)
76	Dr. Vivek Singh	Microwave Antennas: Design & Measurement	6 Days (21/02/2022 to 26-02-2022)
77	Dr. Nagesh K N	Microwave Antennas: Design & Measurement	6 Days (21/03/2022 to 26-03-2022)

78	Dr. Ravi Kumar M G	Augmented Reality (AR)/ Virtual Reality (VR)	5 Days (31/1/2022 to 4/2/2022)
79	Mr. Saravanan S	Big Data Analytics And Machine Learning	6 Days (26-03-2022 to 01-04-2022)
80	Mr. Saravanan S	Emerging Technologies	5 Days (28-03-2002 -to01-04-2022)
81	Mr. Saravanan S	Combating The Global Pandemic Through Motivation Using Life Skills	1 Day(04-04-2022)
82	Mr. Saravanan S	Perspective Amelioration In Computing Via Iot In Real Time Applications	2Days(11-04-2022 to 12-04-2022)
83	Mr. Saravanan S	Fine Tuning Of Nep Compliance Syllabus	1 Day(20-04-2022)
84	Mr. Saravanan S	An Overview Of Teaching Techniques In Data Science And Analytics	5 Days (25-04-2022 To 29-04-2022)
85	Mr. Saravanan S	National Level Faculty Empowerment Program	5 Days (09-05-2022 to 13-05-2022)
86	Mr. Saravanan S	Global Digital Epoch(An It Virtual Conclave)	5 Days (20-05-2022 to 20-05-2022)
87	Mr. Saravanan S	Cloud Computing Tools , Technologies And Research Growth	1 Day(27-05-2022)
88	Mrs. Bhavya R A	Cloud Computing Tools , Technologies And Research Growth	1 Day(27-05-2022)
89	Ms. Prathibha	Cloud Computing Tools , Technologies And Research Growth	1 Day(27-05-2022)
90	Mr. Saravanan S	Data Visualisation Using Seaborn Package	1 Day(30-05-2022)
91	Dr.Manjunatha K	Five days online FDP on Recent Trends in Sustainable Energy Management & Green Chemistry	5 days (06-12-2021 to 10-12-2021)
92	Dr.Manjunatha K	National Webinar on Importance of Stereochemistry and Retrosynthesis in Chemical Science Research	1 day (17-05-2022)
93	Dr.Manjunatha K	Chemistry Syllabus in Engineering and B.Sc. (Hon's) Course	1 day (11-06-2022)
94	Dr.Manjunatha K	IP Awareness/Training Programme under National Intellectual Property awareness mission	1 day (14-07-2022)
95	Mrs. Mamatha M	Five days online FDP on Recent Trends in Sustainable Energy Management & Green Chemistry	5 days (06-12-2021 to 10-12-2021)
96	Mrs. Mamatha M	One day National virtual seminar on Intellectual property rights, challenges in acquiring patents and its process	1 day (06-05-2022)
97	Mrs. Mamatha M	One week FDP on Research Methodology	6 days (02-05-2022 to 07-05-2022)
98	Mrs. Mamatha M	National Webinar on Importance of Stereochemistry and Retrosynthesis in Chemical Science Research	1 day (17-05-2022)
99	Mrs. Mamatha M	Chemistry Syllabus in Engineering and	1 day (11-06-2022)

		B.Sc. (Hon's) Course	
100	Mrs. Mamatha M	IP Awareness/Training Programme under National Intellectual Property awareness mission	1 day (14-07-2022)
101	Mrs. Mamatha M	Participated in National level webinar on Nano materials for engineering applications	1 day (30-08-2022)
102	Mrs. Shruthi K S	Participated in a webinar series on Management of Negative Emotions during Covid Time	1 day (11-07-2021)
103	Mrs. Shruthi K S	Five days online FDP on Recent Trends in Sustainable Energy Management & Green Chemistry	5 days (6-12-2021 to 10-12-2021)
104	Mrs. Shruthi K S	Chemistry Syllabus in Engineering and B.Sc. (Hon's) Course	1 day (11-06-2022)
105	Mrs. Shruthi K S	IP Awareness/Training Programme under National Intellectual Property awareness mission	1 day (14-07-2022)
106	Mrs. Shruthi K S	Innovation Ambassador training " Foundation level"	Total 15 sessions of 30 contact hours Date of Issue:17-08-2022
107	Mrs. Sharada T	Online FDP on Dft investigation of electronic structure using quantum espresso and Busai software	9 Days(9/02/2022 to 17/02/2022)
108	Mrs. Archana B S	Awareness on Human Health and Health related problems	1 day(4/7/2022)
109	Mrs. Archana B S	Problem formulation, Publication, Proposal and thesis writing	6 Days(07-02-2022 to 12/02/2022)
110	Mrs. Archana B S	One week faculty development on Research methodology	6 Days (02/05/2022 to 07/05/2022)
111	Mrs. Archana B S	Workshop cum Hands on training on Material characterization techniques	2 Days(14/07/2022 to 15/07/2022)
112	Mrs. Archana B S	Six- Days Online FDP on Recent trends in Applied Physics	6 Days(25/07/2022 to 30/07/2022)
113	Dr. Shiraj MH	Six Days online FDP on Next Generation Materials and Devices	6 Days(13/12/2021 to 18/12/2021)
114	Mr Sanath Kumar K R	Research Tools and Methodologies	5 Days(27/9/2021 to 01/10/ 2021)
115	Mr Sanath Kumar K R	Failure of Bridges and its Rehabilitation & Retrofitting	10 Days(11/8/2021 to 20/8/ 2021)
116	Mr Sanath Kumar K R	Research Tools & Techniques	3 Days(27/1/2022 to 29/1/ 2022)
117	Dr Venkatesh babu D L	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
118	Dr Rajeshwari R	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
119	Dr L Pinky Devi	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
120	Dr Ramesh P S	Failure of bridges and its rehabilitation and	10 Days(11-08-2021 to 20-

		retrofitting	08-2021)
121	Dr Suravi Pal	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
122	Mr Kiran S	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
123	Mr Ravikumar H S	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
124	Mr Sanath Kumar K R	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
125	Mr Sandeep D R	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
126	Mr Shashi kiran S	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
127	Mrs Chaitra E	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
128	Mrs Chaitra D M	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
129	Ms Chaya S	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
130	Ms Vidyashree M G	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
131	Ms Gagana B	Failure of bridges and its rehabilitation and retrofitting	10 Days(11-08-2021 to 20-08-2021)
132	Mr. Sriram	Innovation Ambassador training- Advanced Level, MoE, India	IIC Calendar Year 2021-22
133	Mr. Sriram	Innovation Ambassador training - Foundation Level, MoE, India	IIC Calendar Year 2021-22
134	Ms. Poornima U K	10 Days Patent Analytics Course organised by Turnip Innovations	10 Days(30-08-22 to 08-09-2022)
135	Mr. Chinmaya Prakash	Five days Online National Level FDP on "Emerging Trends in Technology: Future Perspective	5 Days(25-07-2022 to 29-07-2022)
136	Mr. Chinmaya Prakash	Research Paper Writing	7 Days(21-04-2022 to 27-04-2022)
137	Ms. Rajeshwari G V	5 Days FDP on ""An Overview of Teaching Techniques in Innovation and Design Thinking"	5 Days(6-12-2021 to 10-12-2021)
138	Mr. Sriram	5 Days FDP on ""An Overview of Teaching Techniques in Innovation and Design Thinking"	5 Days(6-12-2021 to 10-12-2021)
139	Ms. Rajeshwari G V	Five-day Virtual FDP on “Changing Dimensions of IPR in India - An Intellectual Deliberation”	6 Days(12-08-2021 to 17-08-2021)
140	Mr. Sriram	Five-day Virtual FDP on “Changing Dimensions of IPR in India - An Intellectual Deliberation”	6 Days(12-08-2021 to 17-08-2021)
141	Ms. Rajeshwari G V	A Virtual Workshop on "Investing in Stock Markets – Latest Trends"	2 Days(20-08-2021 to 21-08-2021)

142	Ms. Rajeshwari G V	5 Days International Faculty Development Program entitled "Experimental Teaching - Corporate Cognizance"	5 Days(9-08-2021 to 13-08-2021)
143	Ms. Poornima U K	6 Days International Faculty Development Program entitled "Experimental Teaching - Corporate Cognizance"	5 Days(9-08-2021 to 13-08-2021)
144	Mr. Sriram	6 Days International Faculty Development Program entitled "Experimental Teaching - Corporate Cognizance"	5 Days(9-08-2021 to 13-08-2021)
145	Dr. M. V. Sarvesha	Course on "Data Analytics with Python"	January to April 2022
146	Dr. M. V. Sarvesha	Course on "Python for Data Science"	July to August 2022
147	Dr. M. V. Sarvesha	National level (online) seminar on "Digital Transformations under NEP 2020"	1 Day(7/15/2022)
148	Mr. Ramesh Gowda V B	FDP on "Advanced Concepts of Outcomes-Based Education"	5 Days (04-04-2022 to 08-04-2022)
149	Mr. Ramesh Gowda V B	Fdp On "Mathematical Developments In Cryptography And Data Science"	5 Days (09-08-2021 to 13-08-2021)
150	Mrs. Geetha D L	Course on "Data Analytics with Python"	January to April 2022
151	Mrs. Geetha D L	One Week Online Teachers Training Program on "An Overview of Teaching Techniques in Data Science and Analytics"	5 Days (25-04-2022 to 29-04-2022)
152	Mrs. Geetha D L	One Week Online Teachers Training Program on "An Overview of Teaching Techniques in Computational Fluid Dynamics"	5 Days (09-05-2022 to 13-05-2022)
153	Mrs. Geetha D L	IP Awareness/Training program under "National Intellectual Property Awareness Mission"	1 Day(14/7/2022)
154	Mrs. Geetha D L	National level (online) seminar on "Digital Transformations under NEP 2020"	1 Day(14/7/2022)
155	Dr. Roshini G R	Course on "Data Analytics with Python"	January to April 2022
156	Dr. Roshini G R	One Week Online Teachers Training Program on "An Overview of Teaching Techniques in Data Science and Analytics"	5 Days(25-04-2022 to 29-04-2022)
157	Dr. Roshini G R	One Week Online Teachers Training 2Program on "An Overview of Teaching Techniques in Computational Fluid Dynamics"	5 Days(09-05-2022 to 13-05-2022)
158	Dr. Roshini G R	FDP on "Introduction to Machine Learning"	July to September 2022
159	Ms. Vidyashree K	"Two days National level online quiz"	2 Days(10-01-2022 to 11-01-2022)
160	Ms. Vidyashree K	FDP on "Advanced Concepts of Outcomes-Based Education"	5 Days(04-04-2022 to 08-04-2022)
161	Ms. Vidyashree K	06-day online Students' Workshop on the theme "Universal Human Values"	5 Days (04-04-2022 to 09-04-2022)

162	Dr. Anil Kannur	Two-week online Faculty Development Programme (FDP) on “Machine Learning and Human Computer Interaction with Python	10 Days(06.12.2021 to 15.12.2021)
163	Dr. Anil Kannur	Completed online certification course “NEP 2020 (New/National Education Policy – India 2020)	September-2021
164	Dr Syed Naimatullah Hussain	NEP-2020 Participation	1 Day (09.10.2021)
165	Dr Syed Naimatullah Hussain	Session Chair (GCAT-2021	3 Days(01.03.2021 to 03.10.2021)
166	Dr. Sandhya G	One week FDP on “ Post COVID Green and Sustainable Development Practices in Manufacturing Industries”	5 Days (17.01.2022 to 21.01.2022)
167	Dr. Sandhya G	FDP on “Current Era- A Technology driven Digital Transformation in Industry 4.0”	6Days (30.08.2021 to 04.09.2021)
168	Dr. Sandhya G	Workshop on "Python for Artificial Intelligence and Machine Learning”	5 Days (06.09.2021 to 10.09.2021)
169	Dr. Sandhya G	Workshop on “Digital Forensics and Investigations”	5 Days (09.08.2021 to 13.08.2021)
170	Dr. Sandhya G	FDP on “ Emerging Trends Computation” in Associate with Cisco Systems(India)Private Limited,	5 Days (02.08.2021 to 06.08.2021)
171	Dr. Sandhya G	"GCAT - Session Chair"	3 Days(01.10.2021 to 03.10.2021)
172	Dr. Sandhya G	Reviewer of papers for IBSSC-2021, organized by IEEE Bombay Section and ABV-IIITM Gwalior, India	3 Days (18.11.2021 to 20.11.2021)
173	Muthuraju V	"Emerging Trends In The Field Of Artificial Intelligence And Machine Learning Applications"	5 Days (20.09.2021 to 24.09.2021)
174	Muthuraju V	Gcat - Session Coordinator	3 Days (01.10.2021 to 03.10.2021)
175	Shruti Jalapur	Conducted 3 days “Advanced Excel Skill Development Workshop”	3 Days (18.11.2021 to 20.11.2021)
176	Shruti Jalapur	FDP on AICTE-VTU FDP on " “An Overview of Teaching Techniques in Innovation & Design Thinking”	5 Days (06.12.2021 to 10.12.2021)
177	Arun Kumar S	Quantum Information System and Machine Learning	5 Days (23.08.2021 to 27.08.2021)
178	Arun Kumar S	Artificial Intelligence and Machine Learning Application in Healthcare	2 Days (16.09.2021 to 17.09.2021)
179	Arun Kumar S	Role of Innovation & Entrepreneurial Skills to get Success in 21st Century World of Work	1 Day (25.09.2021)
180	Arun Kumar S	Deep Learning for Natural Language	1 Day (28.09.2021)

		Processing	
181	Arun Kumar S	Associate Developer Educator Training (Blue Prism - RPA)	5 Days (04.10.2021 to 08.10.2021)
182	Arun Kumar S	UiPath RPADD	5 Days (27.09.2021 to 01.10.2021)
183	Arun Kumar S	GCAT - Session Coordinator	3 Days (01.10.2021 to 03.10.2021)
184	Arun Kumar S	National Workshop on Virtual Reality Applications	1 Day (18.12.2021)
185	Arun Kumar S	FDP on "Emerging Trends in Science and Engineering" (FDPETSE-2022)	5 Days (14.02.2022 to 18.02.2022)
186	Arun Kumar S	FDP online symposium on Emerging Tools	5 Days (28.03.2022 to 01.04.2022)
187	Shivalingappa	"Augmented Reality And Virtual Reality In Pioneering Application Domains" Organized By ATAL Academy	5 Days (24.08.2021 to 28.08.2021)
188	Shivalingappa	"Diversified Applications of Machine Learning Algorithms" organized by BMSIT, Bengaluru	22Days(1.09.2021 to 22.09.2021)
189	Shivalingappa	Open Source & Cloud-The Future of IT by AWS & EFY	1 Day (30.03.2022)
190	Shivalingappa	Emerging Technologies Workshop	5 Days (28.03.2022 to 01.04.2022)

7.3 Programs organized for Students:

Sl.no	Title of the programme	No. of participants
1	Pariksha Pe Charcha live session	1000
2	Industry expert talk on placement opportunities in the software industry	200
3	Awareness program on NEP and Preparation for SEE examination	487
4	Value added course & placement related training	60
5	Webinar on "Higher Education Opportunities in Abroad"	60
6	Guest talk on Career Opportunities	70
7	German language course in language lab	50
8	Guest Lecture Talk on Emotional Intelligence	50
9	Hands on Training on ERP SAP program	50
10	Workshop on Artificial Intelligence and future scope	90
11	Students Induction program	150
12	Qualitative Overview of Passive Radars and their Applications	50
13	How to Motivate Yourself	50
14	Career Pathways and Study Abroad Opportunities	40
15	Invited talk on Topic "Ham (Amateur) Radio networking	40
16	Technical Project exhibition	60
17	Awareness program on Logistic and Aviation Management	70
18	Overview on Underwater Communication	50

19	Overview of Image Denoising	50
20	Workshop on C2C (college to cloud) by AWS .	60
21	Invited Talk On "Introduction To Space, Satellite and Launch Vehicle"	500
22	Pre Placement Talk By DXC Technology Company	584
23	Guest Lecture Talk On Power OF Marketing	100
24	Alumni talk on " Entrepreneurship as a Career Choice".	60
25	Placement Drive	80
26	Webinar on Dynamic Leadership Model.	60
27	IOT and it applications using TI microcontroller.	55
28	Online Certification Course	1
29	Essential of C programming	95
30	Constitution of India and Professional Ethics and Human Rights	55
31	Employability skills and aptitude development	95
32	Professional development of Engineers	95
33	Solutions for Unemployment	350
34	Orientation Program on UPSC/ KPSC	150
35	Campus to Corporate	150
36	Quiz on C	86
37	Talent hunt	68
38	Quiz on C Advance	82
39	Trends in Cyber security and Applications	120
40	Best Out of Waste	78
41	Webinar on Mental Health	50
42	Awareness programme on Enterprneurship and incubation Facility in campus	80
43	Expert Talk on Process of Innovation and Technology Readiness	85
44	Guest lecture on Personality development	150
45	Entrepreneurship development program	175

7.4 Sensitization Programmes organized for promoting Gender Equity:

Gender awareness plays an important role in informing women and men about gender equality, the benefits of a more gender-equal society and the consequences of gender inequality. Our institution encourages gender equity by ogranising sensitization programmes to create awareness among the staff and student community. These programmes promote equality for men and women by allowing men and women to view what is stereotypical of and reasonable for their gender.

Sl. No	Programme	Date
1	National Girl Child Day	24.1.2022
2	International Women's Day	08.03.2022

7.5 Value added Courses:

Sl. No	Title of the Value Added Course Conducted	Duration in Hrs	Number of student enrolled during the year	Number of students completed the cours during the year
1	Essentials of C programming	40	95	95
2	Python for civil Engineers	30	78	77
3	Campus To Corporate Level 1	30	64	62
4	Campus To Corporate Level 2	30	86	86
5	Campus To Corporate Level 3	30	62	86
6	Campus To Corporate Level 4	30	86	62

7.6 Conferences organized:

S. No.	Organised By	Topic	Date	No. Participants
1	Nagarjuna College of Engineering and Technology	National Conference on "Emerging trends and rec innovations"	22-23 April 2022	60

8. NPTEL Certifications:

8.1 Students NPTEL Certifications:

Sl. No	Course Name	Name	Department	Roll Number
1	Design of photovoltaic systems	Megha N	ECE	NOC22EE71S54752163
2	Software Engineering	Kusuma	Other	NOC22CS106S64754784
3	C Programming and Assembly Language	Megana IK	ECE	NOC22CS68S13150948
4	Programming, Data Structures And Algorithms Using Python	Tejas G N	CSE	NOC22CS70S13151307
5	Introduction to Machine Learning	Tipu Sultan	CSE	NOC22CS73S34751392
6	Business Analytics For Management Decision	Rajesh PN	accounting and finance	NOC22MG11S33192034
7	Business Analytics For Management Decision	Yathish cb	accounting and finance	NOC22MG11S33192302
8	Analog Electronic Circuits	Girisha K	ECE	NOC22EE11S43192672
9	Cloud computing - online	Shashank V	CSE	NOC21CS62S13221347
10	Cloud computing - online	Navyashree N	CSE	NOC21CS62S13221026
11	Cloud computing - online	Pavan Kumar VN	CSE	NOC21CS62S13221087
12	Cloud computing - online	Pramod	CSE	NOC21CS62S13221507
13	Cloud computing - online	Shiva Dhanush	CSE	NOC21CS62S13223037

14	German I - online	Navya K	ISE	NOC21HS79S13223462
15	Programming in Java – online	C Krishna Sai Nandan	CSE	NOC21CS56S23224968
16	German I - online	Bindushree K	ISE	NOC21HS79S23223993
17	Design and analysis of algorithms - online	Sachin Hegde	CSE	NOC21CS68S33220297
18	Electric vehicles and Renewable energy	Mayur Sachit	Automobile engineering	NOC21EE112S33221236
19	Principles of Modern CDMA MIMO OFDM Wireless Communications – online	Mukul Dev	ECE	NOC21EE64S34590035
20	Introduction to Machine Learning IITM - online	Afreen tarannum	CSE	NOC21CS70S43223852
21	Hardware modeling using verilog-Online	Pothamshetty Niranjan	ECE	NOC21CS60S13870076
22	Hardware modeling using verilog-Online	Athuluri Sai hanuman	ECE	NOC21CS60S13582376
23	Hardware modeling using verilog-Online	Poreddy VijayKumar Reddy	ECE	NOC21CS60S23870154
24	Hydration, Porosity & Strength of Cementitious	Mohan M	CV	NOC21CE66S23194162

8.2 Faculties NPTEL Certifications

Sl. No.	Name	Subject	Percentage (%)
1	Dr. Rohith S Associate Professor, E&CE	Digital Image Processing - online	72% (Elite)
2	Dr. Vinod A Soudi Associate Professor, CV	Optimization methods for Civil engineering - online	70% (Elite)
3	Mr. Ravikumara H S Assistant Professor, CV	Optimization methods for Civil engineering - online	53% (Successfully Completed)
4	Dr. M V Sarvesh COE & HOD Mathematics	Data Analytics with Python	78% (Elite+Silver)
5	Dr. Basavaraju G M Associate Professor, E&CE	Principles of Signals and Systems	76% (Elite+Silver)
6	Dr. Basavaraju G M Associate Professor, E&CE	Discrete Time Signal Processing	61% (Elite)
7	Dr. Rohith S Associate Professor, E&CE	Digital Electronics Circuits	53% (Successfully Completed)
8	Dr. Venkatesh Kumar H Professor, E&CE	Principles of Communication Systems-1	52% (Successfully Completed)
9	Dr. Sarvesha M V COE & HOD Mathematics	Python for Data Science (4 weeks course)	64% Elite (Successfully Completed)
10	Dr. Yogeesh H C, Associate Director IQAC & HOD Mechanical Engineering	Accreditation and Outcome Based Learning (8 weeks course)	71% Elite (Successfully Completed)

11	Dr. Vijayanand R Professor, HOD AI&ML	Introduction to Internet of Things & FDP (12 weeks course)	75% Elite (Successfully Completed)
12	Dr. Manjunatha K Professor, HOD Chemistry	Public Speaking (12 weeks course)	49% (Successfully Completed)
13	Dr. Prasanna Lakshmi G S Associate Professor, CSE	Introduction to Internet of Things (12 weeks course)	71% Elite (Successfully Completed)
14	Dr. Basavaraj G M Associate Professor, E&CE	Real Time Digital Signal Processing and FDP (12 weeks course)	56% (Successfully Completed)
15	Dr. Rohith S Associate Professor, E&CE	System Design Through VERILOG (8 weeks course)	51% (Successfully Completed)
16	Mr. Mahesh M R Assistant Professor, E&CE	System Design Through VERILOG (8 weeks course)	60% Elite (Successfully Completed)
17	Mr. Sunil Kumar B S Assistant Professor, E&CE	System Design Through VERILOG (8 weeks course)	62% Elite (Successfully Completed)
18	Mr. Sunil T Assistant Professor, E&CE	System Design Through VERILOG (8 weeks course)	79% Elite (Successfully Completed)
19	Ms. Bugide Sreevidya Assistant Professor, E&CE	Digital Circuits (12 weeks course)	50% (Successfully Completed)
20	Mrs. Deepthi Prakash Assistant Professor, E&CE	Digital Circuits (12 weeks course)	54% (Successfully Completed)
21	Ms. Hemalatha B Assistant Professor, E&CE	Digital Circuits (12 weeks course)	58% (Successfully Completed)
22	Mrs. Jyothi Assistant Professor, E&CE	Digital Circuits (12 weeks course)	54% (Successfully Completed)
23	Ms. Jyothi J Assistant Professor, E&CE	Digital Circuits (12 weeks course)	85% Elite Topper (Successfully Completed)
24	Mrs. Rashmi Assistant Professor, E&CE	Digital Circuits (12 weeks course)	56% (Successfully Completed)
25	Mr. Manjunath M N Assistant Professor, E&CE	Digital Circuits (12 weeks course)	62% Elite (Successfully Completed)
26	Mr. Saravanan S Assistant Professor, AI&ML	Introduction to Internet of Things (12 weeks course)	66% Elite (Successfully Completed)
27	Ms. Sony T J Assistant Professor, CV	Advanced Concrete Technology (12 weeks course)	57% (Successfully Completed)
28		Concepts in Magnetism and Superconductivity	57% (Successfully Completed)

	Mrs. Archana B S Assistant Professor, Physics	(8 weeks course)	
		Solid State Physics (12 weeks course)	55% (Successfully Completed)
29	Mrs. Mamatha M Assistant Professor, Chemistry	Analytical Chemistry (12 weeks course)	56% (Successfully Completed)
30	Dr. Roshini G R Assistant Professor, Mathematics	Introduction to Machine Learning (8 weeks course)	75% Elite (Successfully Completed)
		Data Analytics with Python (12 weeks course)	57% (Successfully Completed)
31	Mrs. Geetha D L Assistant Professor, Mathematics	Data Analytics with Python (12 weeks course)	56% (Successfully Completed)

9. Results and Analysis:

9.1 The results of the students for the academic year 2021-2022 are charted below:

UG

SL. NO	BRANCH	I	II	III	IV	V	VI	VII	VIII
1	EC	54.10%	63.11%	70.91%	61.82%	80.56%	70.37%	93.81%	99.12%
2	CS	67.72%	74.80%	68.29%	76.83%	83.19%	59.35%	95.16%	100%
3	IS	69.84%	73.02%	71.11%	75.56%	70.37%	66.67%	96.43%	98.18%
4	CI	56.14%	71.93%	48.98%	57.14%	-	-	-	-
5	CD	68.75%	64.06%	67.86%	77.78%	-	-	-	-
6	ME	-	-	-	100%	54.84%	64.52	95.45%	95.45%
7	CV	45.45%	27.27%	30%	50%	61.84%	50.65%	81.06%	96.83%

PG

SL. NO	BRANCH	I	II	III	IV
1	MBA	52.81%	78.65%	62.50%	82.81%
2	M.Tech-CSE	38.46%	25%	93.75%	100%
3	M.Tech-CCT	57.14%	33.33%	100%	100%

9.2 Rank List of Students 2021-2022:

Sl. No	USN	Name	Department	Rank
1	1NC18EC064	POTHAMSETTY NIRANJAN	E&C Engg.	1
2	1NC18EC073	RAMYA HOLLA R	E&C Engg.	2
3	1NC18EC017	CHANDRAKANTH N	E&C Engg.	3
4	1NC18EC063	POREDDY VIJAY KUMAR REDDY	E&C Engg.	4
5	1NC18EC012	BHANUPRAKASH REDDY M	E&C Engg.	5
6	1NC18EC042	LAVANYA K R	E&C Engg.	6
7	1NC18EC014	BHAVYASHREE P	E&C Engg.	7
8	1NC18EC015	C BHAVYA SREE	E&C Engg.	8
9	1NC18EC025	DILIP H	E&C Engg.	9
10	1NC18EC005	ANJAN KUMAR M S	E&C Engg.	10
11	1NC18CS008	ARPITHA G	CS Engg.	1
12	1NC18CS039	HARSHITHA P	CS Engg.	2
13	1NC18CS112	SUSHMA G S	CS Engg.	3
14	1NC18CS080	POORNIMA N	CS Engg.	4
15	1NC18CS066	NIKSHITHA P	CS Engg.	5
16	1NC18CS116	THRISHA B V	CS Engg.	6
17	1NC18CS005	ANKITA AMBAST	CS Engg.	7
18	1NC18CS111	SUPRIYA S	CS Engg.	8
19	1NC18CS077	PAYAL RANI	CS Engg.	9
20	1NC18CS086	RACHITHA H S	CS Engg.	10
21	1NC18IS010	BOJJA MADHAVI	IS Engg.	1
22	1NC18IS027	MOGALIKUDURU SUMA RANI	IS Engg.	2
23	1NC18IS048	SAURAV KASHYAP	IS Engg.	3
24	1NC18IS053	SIRISHA K S	IS Engg.	4
25	1NC18IS004	AKASH C K	IS Engg.	5
26	1NC18IS028	MUKTHA T	IS Engg.	6
27	1NC18ME004	BABLU KUMAR YADAV	Mechanical Engg.	1
28	1NC18ME015	JITESH SAHANI	Mechanical Engg.	2
29	1NC18ME012	GUDDU KUMAR YADAV	Mechanical Engg.	3
30	1NC18ME034	ROSHAN KUMAR RANJAN	Mechanical Engg.	4

31	1NC18ME040	SYED AFREED J	Mechanical Engg.	5
32	1NC18ME017	KONDURU DEVENDRA	Mechanical Engg.	6
33	1NC19ME413	RESHMA H B	Mechanical Engg.	7
34	1NC18ME032	RISHAB SARDAR	Mechanical Engg.	8
35	1NC18ME033	RISHAV RAJ	Mechanical Engg.	9
36	1NC18ME026	NIVEDITHA H R	Mechanical Engg.	10
37	1NC18CV093	YAMUNA S N	Civil Engg.	1
38	1NC18CV068	SAISHREE L	Civil Engg.	2
39	1NC18CV048	MANSI ANAND	Civil Engg.	3
40	1NC18CV013	BHANUPRIYA B M	Civil Engg.	4
41	1NC18CV072	SHASHANK KUMAR SHEKHAR	Civil Engg.	5
42	1NC18CV014	BHAVANA K	Civil Engg.	6
43	1NC18CV083	TWINKLE SANASAM	Civil Engg.	7
44	1NC18CV077	SHYLAJA G	Civil Engg.	8
45	1NC18CV008	AMOGH R	Civil Engg.	9
46	1NC19CV424	UMAR JAN MALIK	Civil Engg.	10
47	1NC20BA020	G R POORNAKANTH REDDY	MBA	1
48	1NC20BA025	KANCHAN B PATEL	MBA	2
49	1NC20BA063	SANTHOSH S	MBA	3
50	1NC20BA044	NIDHI BHARTI	MBA	4
51	1NC20BA018	DIVYA U	MBA	5
52	1NC20BA072	VINAY.R	MBA	6
53	1NC20BA043	NAVEEN GOWDA N S	MBA	7
54	1NC20BA067	SOUNDARYA R	MBA	8
55	1NC20BA012	CHANDANA P	MBA	9
56	1NC20BA024	JAYANTH KUMAR G	MBA	10

10. Placements and Industrial Visits:

10.1 Placement Details:

Placement and higher studies are the true indicators of a robust academic system. Moreover, internship opportunities play a vital role in moulding the students to make them industry-ready. The Centre for Training and Placement (T&P) effectively undertakes all the activities related to campus recruitment and training needs of the students by close interaction with employers, students, faculty, and alumni.

The summary of on-campus placements for the year 2021-22 is as follows:

Sl. No.	Branch	Number of Students Placed
1	BE(CSE)	136
2	BE(ISE)	45
3	BE (ECE)	82
4	BE (CV)	59
5	BE (ME)	17
6	PG(MBA)	13
	TOTAL	352

Sl no.	Company Name	Department	Salary In INR	Placed
1	DXC	ALL	4 LPA	81
2	Mphasis	CSE, ISE, ECE	3.25 LPA	38
3	HEXWARE	CSE, ISE, ECE	3.5 LPA	4
4	TCS	CSE, ISE, ECE, MECH, CIVIL	3.5 LPA	5
5	Accolite Digital(Female)	CSE, ISE, ECE	5 LPA	0
6	Tech Mahindra	CSE, ISE, ECE	3.25 LPA	3
7	Wipro	CSE, ISE, ECE	3.5 LPA	21
8	Crimsonlogic	CSE, ISE, ECE	5 LPA	5
9	Apps associates	CSE, ISE	6 LPA	5
10	CISCO	CSE, ISE, ECE	15 LPA	0
11	JK Tech	CSE, ISE, ECE	4 LPA	0
12	Zing HR	CSE, ISE, ECE	3-6 LPA	5
13	Aapna Infotheek	CSE, ISE, ECE	3.5 LPA	3
14	Cognizant	CSE, ISE, ECE	4.00 LPA to 6.75 LPA	46
15	SASKEN	CSE, ISE, ECE	5 LPA	5
16	Primus Global	CSE, ISE, ECE	3 LPA	4
17	Sonata	CSE, ISE, ECE, MECH	3.5 LPA	4
18	Envision	CSE, ISE, ECE	4.3 LPA	0
19	HCL	CSE, ISE, ECE	3.25 LPA	1
20	Hashedin	CSE, ISE, ECE	8.10 LPA	0
21	Harman	CSE, ISE, ECE	5.5 LPA	29
22	Mindtree	CSE, ISE, ECE	3.6LPA	1
23	Capgemini	CSE, ISE, ECE	3.6LPA	1
24	Infosys	CSE, ISE, ECE	3.6LPA	4
25	Iopex	CSE, ISE, ECE	4 LPA	8
26	Accenture - AWS	CSE, ISE, ECE	5.4 LPA	0
27	Tech Mahindra - cerium Systems	ECE	4 LPA	2
28	Intelliflow	CSE, ISE, ECE	11.5 LPA	1
29	Persistent	CSE, ISE, ECE	5 LPA	1

30	NDS Motors	MECH	3 LPA	3
31	Zoho	CSE, ISE, ECE	8 LPA	1
32	LTI	CSE, ISE, ECE	4 LPA	1
33	Elewayte	CSE, ISE, ECE	4 LPA	1
34	Bosch	MECH	4.5 LPA	1
35	Purvankara Ltd	Civil	3.6 LPA	2
36	NCCCL	Civil	2.4 LPA	24
37	Megha Engineers	Civil, MBA	2.64 LPA	25
38	No Broker	Civil, MBA	6.25 LPA	6
39	DBS Bank	MBA	5.5 LPA	3
40	Reliance Jio	MBA	5 LPA	0
41	Blue Ocean	MBA	4.45 LPA	5
42	Matrix	MBA	2.8 LPA	2
43	Titan	MBA	3.6 LPA	1

10.2 Industrial Visits Organized:

Sl. No	Industry Name	Dept	Date of Visit	No of Students Visited
1	Silver Spark Apparel Ltd	DS & AIML	22.07.2022	80
2	Unibic	MBA	17.05.2022	50
3	Kolar-Chikkaballapura District co-operative Milk Producers (KOMUL)	MBA	20.05.2022	50
4	Clemeaventa India Ltd	ME	25.06.2022	40
5	IIITB-Bangalore	ISE	22.07.2022	50
6	NDS Motors-Bangalore	ECE	19.10.2021	42
7	Defence Institute of Quality Assurance, Bangalore	ECE	17.12.2021	40
8	Nano-Technology Research Lab	ECE	30.05.2022	99

11. Awards and Recognition:

11.1 Awards received by staff members:

S. No	Dept	Name of the staff	Designation	Name of the Award	Awarded by
1	Civil	Dr. Nagaraj V K	Associate Professor	Ultra-Tech Award 2021: Outstanding Thesis for Doctoral in Karnataka	Indian Concrete Institute Bengaluru.

11.2 Awards received by students:

S. No	Name of the award/ medal	Team / Individual	Name of the Student	Inter-university / State / National / International	Name of the event
1	Gold	Individual	Vishnu.N	State	Best Physique
2	Silver	Individual	Vishnu.N	National	Best Physique
3	Bronze	Individual	Amrutavarshini	National	Karate
4	Winner	Team	Avinash	International	Cesto ball
5	Winner	Team	Harshitha	International	Cesto ball
6	Gold	Individual	Avinash	State	Taekwondo
7	Bronze	Individual	Vishnu	State	Taekwondo

12. Publications Details:

12.1 Books/Chapters Published

S.No	Name of the Staff	Title of the paper	Title of the proceedings of the conference	Year of Publication	Name of the publisher
1	A.K Dwivedi, Nagesh K.N	Dual Band, Dual Port Dielectric Resonator Based MIMO Antenna with Bi-directional Pattern Diversity using PRS	Lecture Notes in Electrical Engineering (LNEE), Springer, 2021	2022	LNEE
2	A.K Dwivedi, Nagesh K.N, V. Singh	Modeling and Investigation of Novel Two-Port UWB- MIMO Antenna with Enhanced Isolation	Lecture Notes in Electrical Engineering (LNEE), Springer, 2021	2022	LNEE
3	Mallanna S D, Sreenivasa T V	Design and Analysis of Four Port MIMO Antenna for n77 and MTI Wireless Edge 5G Applications	Lecture Notes in Electrical Engineering (LNEE), Springer, 2021	2022	LNEE
4	A.K Dwivedi	Treatment of Hepatocellular carcinoma	Lecture Notes in Electrical	2022	

		using 5-Slot Microwave Ablation Antenna at 2.45 GHz	Engineering (LNEE), Springer, 2021 (Under Production)		LNEE
5	Nagesh K.N, A.K Dwivedi	Proximity Coupled Planar MIMO Antenna for LTE-46/LTE-U Bands of Sub-6 GHz	Lecture Notes in Electrical Engineering (LNEE), Springer, 2021	2022	LNEE
6	Harish V, Nagesh K.N	Design of Dual Port Single Al ₂ O ₃ Ceramic-based MIMO antenna for WLAN application	International Conference on Minerals, Materials and Manufacturing Methods (ICMMMM-2022),	2022	ICMMMM
7	Rohith S, Mahesh M R, Basavaraj G M	Reversible Data Embedding Scheme In Encrypted Images Using Arnold Transform for Satellite Images	IEEE Conference (IEEE-NKCon-2022),	2022	IEEE
8	Rohith S, Hemalatha B	Development of Communication Device For Deaf And Blind Persons Using Text to Braille Using Renesas Microcontroller	IEEE International Conference (IIHC-2022)	2022	IEEE
9	Rohith S	Development of Overflow Prediction And Wall Supervision System for Flood Forecasting	IEEE International Conference (IIHC-2022)	2022	IEEE
10	Rohith S	Comparative Approach for VM Scheduling using Modified Particle Swarm Optimization and Genetic Algorithm in Cloud Computing	IEEE International Conference on Data Science and Information System	2022	IEEE
11	Rohith S, Basavaraj G M, Mahesh M R	Image Encryption Scheme Using Combined Key Sequence of Logistic and Tent Map for Medical Applications	IEEE International Conference on Mobile Networks and Wireless Communications (ICMNW)	2021	IEEE
12	Dr.Amaresh Gunge	Polyvinyl Alcohol Composites	IEEE International Conference on Mobile Networks and Wireless Communications (ICMNW)	2021	IEEE

12.2 Journal Publications:

S. No	Name of the author/s	Title of paper	Name of journal	Month and Year of publication	Link to the notification in UGC enlistment of the Journal
1	C.V. Nanda Kishore, H. Venkatesh Kumar	Dynamic Source Routing Protocol for Robust Path Reliability and Link Sustainability Aware Routing in Wireless Communication	Optik, Elsevier	27 September 2022,	https://doi.org/10.1016/j.ijleo.2022.170036
2	S. Supreeth ,Kirankumari Patil, Shantala Devi Patil ,S. Rohith ,Y. Vishwanath ,and K. S. Venkatesh Prasad	An Efficient Policy-Based Scheduling and Allocation of Virtual Machines in Cloud Computing Environment	Journal of Electrical and Computer Engineering	24 Sept 2022	https://doi.org/10.1155/2022/5889948
3	O. Singh, M.R Bharamagoudra, H. Gupta, Ajay Kumar Dwivedi, P. Ranjan, A. Sharma	Microstrip Line Fed Dielectric Resonator Antenna Optimization using ML Algorithms	Sādhanā – Academy Proceedings in Engineering Sciences, Springer	05 November 2022	https://doi.org/10.1007/s12046-022-01989-x
4	C.S Vamsi, Ajay Kumar Dwivedi, G. Bharti, A. Sharma	Efficient Graphene Based Circularly Polarized MIMO Antenna for THz Applications	Applied Optics, Optica Publishing Group	Vol. 61, Issue 28, pp. 8155-8161	https://doi.org/10.1364/AO.462531
5	Nagesh K.N, R. Priyadarshini, Rani BA, N. Anjum, Jyothi S.K, Ajay Kumar Dwivedi*	Design and Development of Ceramic based MIMO Filtenna with Circular Polarization Features	Journal of Electronic Materials, Springer	10-Sep-22	https://doi.org/10.1007/s11664-022-09900-4
6	S Jagadeesh Babu, Murthy Muniyappa, Navakoteswara Rao, Ravi Mudike, Mahesh Shastri, Sardar Tathagata, Prasanna D	Enhanced photocatalytic hydrogen evolution from reduced graphene oxide-defect rich TiO ₂ -x nanocomposites	International Journal of Hydrogen Energy, Elsevier	14th August 2022	https://doi.org/10.1016/j.ijhydene.2022.07.115

	Shivaramu, MV Shankar, Ananda Kumar, Dinesh Rangappa				
7	Nagesh K.N, M.Bhosle, K.Varma, Ajay Kumar Dwivedi	Circularly Polarized Tunable Graphene- Patch over SiO ₂ substrate for THz Applications	Optical and Quantum Electronics, Springer	44903	https://doi.org/10.1007/s11082-022-04000-3
8	A.KSingh,Ajay Kumar Dwivedi,C. Jha,S. Singh, V.Singh,R. S. Yadav	A Compact MIMO Antenna for 5G NR Frequency Bands n257/n258/n261 Under Millimeter- Wave Communication	IETE Journal of Research	30-Jun-22	https://doi.org/10.1080/03772063.2022.2091044
9	A. Srivastavaa, H. Gupta, Ajay Kumar Dwivedi, K.K Varma, P. Ranjan, A. Sharmaa	Aperture Coupled Dielectric Resonator Antenna Optimisation using Machine Learning Techniques	AEUE - International Journal of Electronics and Communications, Elsevier	September 2022,	https://doi.org/10.1016/j.aeue.2022.154302
10	A.K Singh, Ajay Kumar Dwivedi, Nagesh K.N, V.Singh and R.S Yadav	Compact 4-port planar MIMO antenna with enhanced isolation	Sādhanā – Academy Proceedings in Engineering Sciences, Springer	47, Article number: 138 (2022),12th July 2022	https://link.springer.com/article/10.1007/s12046-022-01916-0
11	S.Jadahav, Nagesh K.N	Probabilistic Based Optimal Node Localization in Wireless Sensor Networks	International Journal of Computer Networks & Communications (IJCNC)	Vol.14, No.3, May 2022	DOI: 10.5121/ijcnc.2022.14306 91
12	Sindhu Sree Muralidhar, Vinay Gangaraju, Mahesh Shastri, Navya Rani Marilingaiah, Arjun dey, Sushil Kumar Singh, Dinesh Rangappa	Silk Fiber Multiwalled Carbon Nanotube- Based Micro- /Nanofiber Composite as a Conductive Fiber and a Force Sensor	ACS Omega	7, 24, 2022,2080 9– 20818,June 7, 2022	https://doi.org/10.1021/acsomega.2c01392
13	Manju Ramrao Bhosle, Nagesh K.N	SHO based Deep Residual network and hierarchical speech features for speech enhancement	International Journal of Speech Technology, Springer	25th May 2022	https://doi.org/10.1007/s10772-022-09972-x
14	Vinay Gangaraju,	In-situ preparation of silk-cocoon derived	Ceramics International,	336,04- 2022 4th	https://doi.org/10.1016/j.ceramint.

	Mahesh Shastri, Krushitha Shetty, Navya Rani Marilingaiah, Anantharaju K.S, Prasanna, Doddakunche Shivaramu, Dinesh Rangappa	carbon and LiFePO ₄ nanocomposite as cathode material for Li-ion battery	Elsevier	May 2022	2022.04.336
15	Ajay Kumar Dwivedi, Nagesh K.N, H.Venkatesh Kumar, S. Singh, J. Mungara, A. Sharma and V. Singh	Two Asymmetric Cylindrical Dielectric Resonator Loaded Dual Port MIMO Antenna for Wide Band Application with Circular Polarization Attributes	International Journal of Communication Systems, Wiley	Volume35, Issue10,10 July 2022,e5155	https://doi.org/10.1002/dac.5155
16	Ashish Kumar, Ajay Kumar Dwivedi, K.N.Nagesh, Anand Sharma and Pinku Ranjan	Circularly polarised Dielectric Resonator based Two port Filter for Millimeter-Wave 5G Communication System	IETETechnical Review, Taylor and Francis	44599	https://doi.org/10.1017/S1759078722000150
17	D.Sharma, R. Katiyar, A.K Dwivedi, Nagesh K.N, A. Sharma, P.Ranjan	Dielectric Resonator based Two Port Filter with Pattern and Space Diversity for 5G IoT Applications	International Journal of Microwave and Wireless Technologies, Cambridge University Press	07 February 20	https://doi.org/10.1017/S1759078722000150
18	A. Sharma, A.K Dwivedi, Nagesh K.N, Y.K Prajapati, D.K Tripathi	Ceramic Material based Optical Antenna for Multiband Photonics Applications	Optical Engineering, SPIE Digital Library	61(1), 017104 (2022),31 January 2022	https://doi.org/10.1117/1.OE.61.1.017104
19	A. Sharma, A.K Dwivedi, Nagesh K.N, A. Gupta, D.K Tripathi	Broadband Dielectric Resonator Antenna with Dual-Frequency Circularly polarized response for WLAN and WiMAX Applications	International Journal of Circuit Theory and Applications, Wiley	Volume50, Issue2, February 2022, Pages 525-538	https://doi.org/10.1002/cta.3151
20	Akhilesh Kumar, Nagesh Kallollu Narayanaswamy,	High-isolated Wifi-2.4 GHz/LTE MIMO antenna for RF-energy	AEU - International Journal of	November 2021,	doi.org/10.1016/j.aue.2021.153964

	H. Venkatesh Kumar, Brijesh Mishra, Shadab Azam Siddique, Ajay Kumar Dwivedi,	harvesting applications	Electronics and Communications		
21	S.A Siddique, Nagesh K.N, H. Venkatesh Kumar, Chethana Gosal, Brijesh Mishra	Remote Controlled Reconfigurable Hexa-Band Antenna for RF-Energy Harvesting Systems	International Journal of Circuit Theory and Applications, Wiley	Volume50, Issue2, February 2022, Pages 496-506	https://doi.org/10.1002/cta.3144
22	B. Mishra, R.K Verma, Yashwanth N, R.K Singh	A Review on Microstrip Patch Antenna Parameters of different Geometry and Bandwidth Enhancement Techniques	International Journal of Microwave and Wireless Technologies, Cambridge University Press	<u>Volume 14</u> <u>Issue 5,03</u> <u>August 2021</u>	https://doi.org/10.1017/S1759078721001148
23	A. Kumar, Shekhar, Nagesh K.N, and B. Mishra	UWB Multilayer Patch Antenna with EBG Structure for IEEE-C, X, Ku and K Band Applications	Wireless Personal Communications, Springer	121, pages1405–1422 (2021),03 August 2021	https://doi.org/10.1007/s11277-021-08676-w
24	Ajay Kumar Dwivedi, Anand Sharma, and Pinku Ranjan	Dual Band Modified rectangular shaped dielectric resonator antenna with diversified polarization feature	International Journal of Circuit Theory and Applications	Volume 49 Issue 10,3434-3442	doi.org/10.1002/cta.3095
25	<u>Komal Srivastava,Ajay Kumar Dwivedi,Anand Sharma</u>	Circularly Polarised dielectric resonator-based multiple input multiple output antenna with pattern and polarization diversity for vehicular applications	International Journal of Circuit Theory and Applications	Volume 49 Issue 10,3421-3433	doi.org/10.1002/cta.3078
26	Dr. Shiraj M Hunagund	A study on effect of MgO nanoparticles loading on the electrical conducting properties of polyvinyl alcohol/polyaniline polymer composite films	Journal of Nanoparticle Research, Springer .	11-Nov-22	https://doi.org/10.1007/s11051-022-05610-4
27	Dr. Ajay Kumar Dwivedi	Microstrip line fed dielectric resonator antenna optimization	Sādhanā, Springer	5-Nov-22	https://doi.org/10.1007/s12046-022-01989-x

		using machine learning algorithms			
28	Dr. Ajay Kumar Dwivedi and Dr. Nagesh K.N	Mutual coupling and RCS reduction of MIMO dielectric resonator antenna for S-band applications	Waves in Random and Complex Media, Taylor & Francis	2-Nov-22	https://doi.org/10.1080/17455030.2022.2139429
29	Dr. Ajay Kumar Dwivedi, Dr. Vivek Singh and Dr. Nagesh K.N	Metasurface-Loaded Ceramic-Based MIMO Antenna with High Isolation and Circular Polarization Features	Journal of Electronic Materials, Springer	30-Nov-22	https://link.springer.com/article/10.1007/s11664-022-10088-w
30	Dr. Sanjeevakumar M. Hatture, V.K. Durga Bhavani, Srikanth Bethu	Data Analytics in Sports and use of Machine Learning Algorithms For Results Comparison.	International Journal for Innovative Engineering and Mangement Research, Elsevier SSRN	22-Nov-22	10.48047/IJEM R/V11/ISSUE 11/08
31	Dr. Prasanna Lakshmi G S, Dr. Asha PN, Dr. Sandhya G & Dr. Shilpashree S	"An Intelligent Iot Sensor Coupled Precision irrigation model for agriculture"	Measurement Sensor Elsevier.	24-Nov-22	https://doi.org/10.1016/j.measen.2022.100608
32	Dr. Ajay Kumar Dwivedi	Four Port Dielectric Resonator Based MIMO Antenna Design for Cognitive Radio Applications	IEEE Transactions on Circuits and Systems II: Express Briefs	21-Dec-22	https://ieeexplore.ieee.org/document/9993790/authors
33	Dr. Nagesh K.N	"High-isolated, low correlation and wide frequency reconfigurable (2.1–4.2 GHz) MIMO antenna for cognitive radio applications"	Journal of Electromagnetic Waves and Applications	23-Dec-22	https://doi.org/10.1080/09205071.2022.2158374
34	Dr syed Naimatullah, Prof shruti, Prof Nethra	"Scalable Healthcare Management System using IOT"	"Journal of computer integrated manufacturing system"	23-Dec-22	http://cims-journal.com/index.php/CN/article/view/571

12.3 Details of the Title of the book published:

Sl. No	Name of the Staff	Title of the book/ chapters published	ISBN of the Book/Conference Proceeding	Year	Affiliating Institute of the teacher at the time of publication
1	Dr.Amaresh Gunge	Viscoelastic response of polyvinyl alcohol composites	978-93-91265-24-3	2022	Yes
2	Dr.Geethanjali G	Principles of marketing	978-93-92369-18-6	2021	Yes
3	Dr.Geethanjali G	Retail management	978-93-92369-32-2	2022	Yes
4	Prof. Arati C,Prof. Subramanya S G	Computer networks:fundamentals based on tcp/ip model	978-93-5607150-6	2022	Yes
5	Prof. Arati C,Prof. Sandhya G	Exploring web programming-a simple approach	978-93-5637-314-6	2022	Yes
6	Prof. Kiran J,Prof. Vivek sharma	C programming basics	978-93-5607-285-5	2022	Yes

12.4 Details of the Patents Published:

S.No	Patent Application No.	Inventor/S Name	Title Of The Patent	Patent Published / Granted Date
1	202241012404	Dr. Dinesha H A	Security Aware Routing Protocol For Wireless Mesh Networks Using Hybrid Meta-Heuristic System	25/03/2022
2	202241012405	Dr. Dinesha H A	Efficient And Scalable Data Transmission Protocol For Wireless Mesh Networks System	25/03/2022
3	202121039132	Mrs. Swathi S	Smart Helmet On Iot Technology For Safety And Accident Detection.	10/9/2021
4	202141039782	Vivek Sharma	Blockchain Technology Based System For Preserving Electronic Health Records	24/09/2021
5	202121039129	Dr. Anil Kannur Mr. Gopinath A. R	A Novel Technology System For Women's Safety To Prevent The Harassment And Its Method Thereof.	10/9/2021
6	202141053443	Mr. Sudhakara Reddy M Mr. Vivek Sharma Ssubramanya S G	Iot And Ai Based Intelligent Rover To Discover Habitable-Zones On Planets	10/12/2021

7	202141023567	Dinesh Ha	A Novel System For Controlling Employees Attrition Rate	11/6/2021
8	202241047487	Dr. Raj Kumar Prof. Suma C.C Dr. Asha P N	Imdb Dataset Analysis, Prediction And Recommendation Along With Computer Vision	26/08/2022
9	202241047485	Dr. Raj Kumar Prof. Suma C.C Dr. Asha P N	Voice Activated E-Payment Application	26/08/2023
10	202241018318	Mrs. Swathi.N	A Mobile Adhoc Network For Tracking The Mobile Phones	8/4/2022
11	202241047522	Dr. Raj Kumar Prof. Suma C.C Dr. Asha P N	A Novel Method For The Detection Of Plant Leaf Disease	16/09/2022
13	202241011193	Dr.S.Deepajothi	Machine Learning Approach To Analyze The Positive Traits Related To Stock Trading	11/3/2022
14	202241011965	Dr.S.Deepajothi	Machine Learning Based Approach To Profile The Dna Sequences To Predict The Hereditarian Traits Of Criminal	25/03/2022
15	202241012168	Dr.S.Deepajothi	An Efficient Management Of Cloud Data Using Green Cloud Computing Techniques	18/03/2022
16	202211012433	Dr.S.Deepajothi	Deep Reinforced Learning Model Combined With Artificial Intelligence For Predicting The Variants In Diabetic Patients	18/03/2022
17	202241017724	Dr.S.Deepajothi	Machine Learning Based Approach To Study The Impact Of Antibiotics On Toddlers Using Their Primary Health Related Data	8/4/2022
18	202211024611	Dr.S.Deepajothi	A Robust And Deep Convolutional Neural Network Approach To Detect Early Stages Of Lungs Cancer	13/05/2022
19	202241007575	Dr.S.Deepajothi	Design And Analysis Of Self-Protection Framework System Integrate With Fog Computing & Iot	25/02/2022
20	202241050820	Dr. Shilpashree S Dr. Dinesha H.A	Real-Time Object Detecting System	16/09/2022
21	202241024410	Dr. Anil Kannur	Novel System And Method Of Automated Medical Waste Segregation System Using Machine Learning	13/05/2022
22	202241007198	Dr. Anil Kannur	Ai, ML Based Traffic Information Detection And Real Time Pothole Detection System	18/02/2022
23	2021105264	Dr. Anil Kannur	An Internet Of Things Based Covid Spread Prevention System And Its Method Thereof	8/11/2021

24	202241037227	Harshitha L N, Harish V, Aishwarya S, Kasepogu Madhavi, Jayalakshmi, Dr. Nagesh K N, Dr. Rohith S, Shashikiran R	Novel System, Method, Design And Development Of Smart Care Unit For Covid 19 Patients Using Raspberr	8/7/2022
25	202241037224	Vathsala P, Rani B A, Rushendra Chowdary G, Shalini R, Raksha M, Naghma Anjum, Dr. Nagesh K N, Dr. Rohith S	Novel System, Method, Design And Development Of Development Of Smart Traffic Light Control System	8/7/2022
26	202241039679	Maresh M R, Adarsh Reddy K R, Chetan N Vaidya, Karthik R, Madan N, Nagesh K N	Novel System, Method, Design And Development Of Iot Based Footstep Power Generation Using Piezo Electrics	15/07/2022
27	202241039678	Archana V, Naghma Anjum, Gagana K V, Sahana R, Harish Kumar C, Rani B A, Nagesh K N, Rohith S	Novel System, Method, Design And Development Of Camouflage Techniques Based Multifunctional Army Rob	15/7/2022
28	202241039681	Sreenivasulu K N, Manoj A, Chandrakanth N, Manjunatha, Rakesh M, Dr. Rohith S	Novel System, Method, Design And Development Of Iot Enabled Next Gen Smart Helmet Using Arduino	22/07/2022
29	202241039680	Sunitha M, Anusha S N, Bhavya Shree P, Komala M, Lavanya K R	Novel System, Method, Design And Development Of A Weapon Auto Aiming And Trigger System For Rapidly Deployable Armed Support Robots	22/07/2022
30	202241039683	M. Vijay Kumar Reddy, Shwetha S, Y. Mallikarjuna, Shilpa J, Dr. Basavaraj G M, Dr. Rohith S	Novel System, Method, Design And Development Of Industrial Environment Monitoring System Using Lora	22/07/2022
31	202241042986	Bhanu Prakash Reddy M, Anjan Kumar M S, Maithreya A, Manjesh D M, Jyothi S K, Dr.	Novel System, Method, Design And Development O Solar-Powered Autonomous Multipurpose Agricultural Robot Using Android App	5/8/2022

		Nagesh K N, Dr. Rohith S		
32	202241042993	Pranavi V, Sandhya A, Surabhi D, Tejaswini P, Dr. H Venkatesh Kumar, Dr. Rohith S	Novel System, Method, Design And Development Of Iot Based Automated Flood Detection Module Using Arduino Microcontroller	5/8/2022
33	202241055807	Visvesvaraya Technological University, Dr. Dinesh Rangappa	Kapok Silk Cotton Biopolymer Based Conducting Carbon Fibres/Sheets	7/10/2022
34	202241045992	Sunil T	A Hybrid Neural Network Approach For The Recognition Of Emotions In Dialect	26/08/2022
35	202241059570	Ms.Sneha Joseph	Iot Based Agri Robotic Hands For Plucking Under Ground Crops & Automatic Spraying	28/10/2022
36	202241053883	Dr. Dinesh Rangappa	Multiwalled Carbon Nanotube Deposited Silk Cocoon As Pressure/Force Sensitive Sensors	30/09/2022
37	202241048131	Dr. Dinesh Rangappa	Rapid Interlayer Removal And Conversion Of Max Phase To Mxene By Super Critical Fluid Process	2/9/2022
38	2021106500	Katiyar	"Intelligent System & Method For Radio Link Monitoring & Controlling In A Wireless Communication System Using Iot Technology"	Australian Patent Granted 10.11.2021
39	202111041467	Dr. Nancy Arya	Iot-Based Smart Health Assessment Mirror For Healthy Life	01.10.2021
40	202109301740 0900de	Dr Ajay Kumar Dwivedi	A Circularly Polarizd Two Port Mmo Cylindrical Dielectric Resonance Antenna Device For 5g Applications	German Patent Granted On 15.10.2021
41	202241007198	Dr Syed Naimatullahussain	Ai, MI Based Traffi C Information Detection And Real Time Pothole Detection System	2/18/2022
42	2021105264	Dr Syed Naimatullahussain	An Internet Of Things Based Covid Spread Prevention System And Its Method Thereof	8/10/2021
43	202221004456	Dr Syed Naimatullahussain	Artificial Intelligence Based Designing Of Wireless Network Based On Optimization Algorithm	2/18/2022
44	202241038492	Mr. Subhakar Mattupalli	Secure Over Data Privacy Using Knn Classification In Iot Devicesin Machine Learning Approach	7/15/2022
45	202241035410	Mr. Subhakar Mattupalli	Clinical Investigation Of Sensing Ailments InBrain Movement Through Physiological Activity Using MI Technique	6/24/2022

46	202211034122	Mr. Subhakar Mattupalli	Instance Based Transfer Learning System For Multi Visual And Language Categorization	6/24/2022
47	202241024411	Mr. Subhakar Mattupalli	Novel System And Method Of Age Detection Based On Facial Image Using Fusion Extreme Learning Machine Classifier	5/13/2022
48	202241028751	Saravanan.S	Deep Learning Based Technique To Analyse The Genome Sequence Of Cancer Patients And Predict Their Life Expectancy Based On Cell Biology	19/05/2022
49	202241018318	Saravanan.S	A Mobile Adhoc Network For Tracking The Mobile Phones For Any Intrusions Or Mishandling Of Data	29/03/2022
50	202041049785	Dr.Meenakshi	Smart System For Effective Waste Management	11/20/2020
51	2021100914	Thiyagarajan Durairaj	Thermal Effect Powered Electric Motor To Minimize The Electric Consumption In The Electric Vehicle	14/04/2021
52	202121011465	Dr. Nagesh K.N.	Philosophizing Of Multifunction Syllogistic Unit Using Folding Tree With Clock Gating	9/4/2021
53	2021106451	Dr. Nagesh K.N.	Cloud Key Saas Autonomous Aiot Control System And Method Thereof	8/12/2021
54	202241003873	Dr. Kanapathy Gopalakrishnan	Novel System, Method, Design, Development Of Monitoring And Alerting System For Immobilized Patients	4/2/2022
55	202241017599	Sunil T	Method And System To Develop Emg Monitoring System For Muscle Activity Detection On Parkinson Disease	1/4/2022
56	202241024407	Dr. Rohith S, Mahesh M R, Dr. Basavaraj G M, Sunil Kumar B S	Novel System, Method And Development Of Iot Based Automatic Waterbodies Garbage Treatment Machine	13/05/2022
57	202241024413	Rani B A, Dr Rohith S, Nagesh K N, Nagma Anjum Sreenivasulu K	A Novel Approach Method & Design Of Two Way Video Monitoring Systems Using Android And Java Media Framework	13/05/2022
58	202241024408	Sunitha M, Dr. Rohith S, G M Basavaraj, Dr. Nagesh K N, Rashmi G P, Kasetty Rambabu	Novel System, Method, Design And Development Of Braille System For Visually Challenged People	13/05/2022

59	202241031736	Pavan Kumar E	Method And System To Develop Data Encryption And Decryption Using Crypto Stego Ai Based	10/6/2022
60	202241039251	Swathi S, Gopinath A R, Sudhakar Reddy, Raghavendra B, Abraham Rajan,	Novel System, ,Method, Design And Development Of Customized Cnn Model For Detection And Classification Of Objects In Satellite Image	15/07/2022
61	202241039253	Deekshitha S, Jeevitha S R, Bhagyashree P Pujeri, Swathi S	Novel System, Method, Design And Development Of An Optimized Model For Detecting The Performance Of Credit Card Fraud	15/07/2022
62	202241039252	Gopinath, Swathi S, Dr. Prasanna Lakshmi, G S Deekshitha S, Arati Chabukswar,	Novel System, Method, Design And Development Of Speech Emotion Recognition Using Mlp Classifier	15/07/2022
63	202241024404	Gayathri Devi R Pooja Chaitra D M Dr Pinky Devi L	Novel System, Method And Determination Of Economic Base Width Of Transmission Tower For Different Wind Zones	13/05/2022
64	202241024405	Gayathri Devi R Pooja Chaitra D M Dr Pinky Devi L	Novel System, Analysis And Design Of Elevated Water Tank For Different Seismic Zones	13/05/2022
65	202241024406	Gayathri Devi R Pooja Chaitra D M Dr Pinky Devi L	Novel System, Method For Seismic Analysis And Retrofitting Of An Existing Structure	13/05/2022
66	202141004802	Dr. Mohan Kumar Sugumar	Novel System, Method Of Software Distinct Tool Communication Planning For Community	5/8/2022
67	202141004803	Dr. Mohan Kumar Sugumar	Novel System, Method Of Opinion Taking Out Of Twitter For Hotel Assessment Study	5/8/2022
68	202141004804	Dr. Mohan Kumar Sugumar	Novel System, Method Of Smart Car Parking And Rider Management	5/8/2022
69	202141056006	Dr. V. Sujatha	Ensuring The Packaging Of Quality Fruits Through Appropriate Selection By Implementing The Image Processing Technique	10/12/2021
70	202141034018	Subramanya S G	Utpatthi – Formars Online Market App	13/08/2021
71	202111037434	Dr. Gaurav Indra	Malware Detection Model For Android Using Machine Learning	3/9/2021
72	202241024409	Dr. Syed Naimatullah Mrs Sumitha B S Mrs Sandhya L Mr Shivalingappa	Novel System And Method Of Automated Irrigation System Using Arduino	13/05/2022
73	202041049785	Meenakshi	Smart System For Effective Waste	20/11/2020

			Management	
74	202141021200	Dr. Ananth Prabhu G	System For Management Of Ventilators For Covid Patients In Hospital Using Block Chain	11/6/2021
75	202141022954	Dr. Chethana Sridhar	Integration With Student Lifecycle Management With Sap (Slcm)	11/6/2021
76	202141024950	Dr. Jitendranath Mungara	Advance Face Mask For Covid-19 Protection Using Artificial Intelligence With Integrated Quality And Proximity Detection	11/6/2021
77	2021103108	Kavitha D	Decentralized Data Storage And Processing Method For Automatic Wireless Network Authentication In An Iot System	7/7/2021
78	202141000149	Dr.V.Asha	Novel System, Method And Approach Of Texture Defect Detection Using Human Vision Perception Based Contrast	4/2/2022

13. Faculty Members with PhD and Recognized as a Research Guides:

Few doctorates at our institute received guide-ship and are guiding research scholars registered at various universities.

Sl. No.	Name of full-time teachers with PhD	DEPARTMENT	Qualification	Whether recognised as a research guide for PhD?
1.	Dr. B V Ravishankar	CV	PhD	Yes
2.	Dr. Nagesh K N	ECE	PhD- 2016	Yes
3.	Dr. H Venkatesh Kumar	ECE	PhD- 2017	Yes
4.	Dr. Basavaraj G M	ECE	PhD- 2019	Yes
5.	Dr. Rohith. S	ECE	PhD- 2019	Yes
6.	Dr. Vivek Singh	ECE	PhD- 2019	Yes
7.	Dr.Manjunatha K	CH	M.Sc, Ph.D	Yes
8.	Dr. Shirajahammad M Hunagund	PH	M.Sc, Ph.D	Yes
9.	Dr N Sandhya N	CV	PhD	Yes
10.	Dr Prakash B Yaragol	CV	PhD	Yes
11.	Dr Gopalakrishnan K	MBA	PhD	Yes
12.	Dr Ajeeth Chikkamanur	CSE	PhD	Yes
13.	Dr. Sanjeevakumar M. Hatture	ISE	PhD	Yes
14.	Dr. Sandhya G	ISE	PhD	Yes
15.	Dr Anil Kannur	CSE	PhD	Yes

16.	Dr. Syed Naimatullah Hussain	DS	PhD	Yes
17.	Dr.S.G.Gopala Krishna	ME	PhD	Yes
18.	Dr. Yogeesh H C	ME	PhD	Yes
19.	Dr.D.L.Venkatesh Babu	CV	PhD	Yes
20.	Dr. K. Kumar	CV	PhD	Yes
21.	Dr Dinesha H A	ECE	PhD	Yes
22.	Dr. Ravi Kumar M G	ECE	PhD- 2019	No
23.	Dr. Vinay N A	ECE	PhD- 2021	No
24.	Dr. R. Vijayanand	AIML	PhD	No
25.	Dr. Ramesh P S	CV	PhD	No
26.	Dr Ramesh C P	CV	PhD	No
27.	Dr.Lairenlakpam Pinky Devi	CV	PhD	No
28.	Dr.Nagaraj.V.K	CV	PhD	No
29.	Dr. Manohar D R	CV	PhD	No
30.	Dr. ManjunathItagi	CV	PhD	No
31.	Dr. Nagendra	CV	PhD	No
32.	Dr Geethanjali G	MBA	PhD	No
33.	Dr Lokesh G R	MBA	PhD	No
34.	Dr Rajkumar	CSE	PhD	No
35.	Dr Shilpashree S	CSE	PhD	No
36.	Dr Prasanna Lakshmi	CSE	PhD	No
37.	Dr Rashmi P Karchi	AIML	PhD	No
38.	Dr Mahalakshmi	AIML	PhD	No
39.	Dr. Mahesh Shastri	ECE	PhD	No
40.	Dr. Murthy M	ECE	PhD	No
41.	Dr Asha P N	CSE	PhD	No

14. Students Participation in Sports, Cultural and Social Activities:

Sl. No.	Name of the Activity	Collaborating Agency	Date	Number of Students participated
1	AICTE Activity	NCET	03/04/2022	18
2	AICTE Activity	NCET	13/08/2022	27
3	Yoga day	NCET	21/06/2022	35
4	Women's day	Women's welfare association, NCET	08/03/2022	100
5	Antiterrorism day	NCET	21/05/2022	50
6	Tree plantation at Skandagiri	NCET	5/6/2022	50
7	Blood donation Camp	Nss Unit 1 and 2 YRC	12/7/2022	160

8	Yoga Day	Nss Unit 1 and 2	Jun-22	120
9	Nandi Cleaning Drive	District Administration Nss Unit1& 2	1/5/2022	100
10	Seed Ball Programme	Forest Department Nss Unit 1 and 2	21/7/2022	60
11	communal Harmony day	Nss Unit 1 and 2	Nov-22	112
12	Independence Day	Nss Unit 1 and 2	15/8/2022	200
13	Anti terrorism day	Nss Unit 1 and 2	21/5/2022	80
14	Eye Check up Camp	Nss Unit 1 & 2 Adithya Birla Group	22-Dec	89
15	Sadbhavana day	Nss Unit 1 and 2	22-Aug	80
16	Personality Development and Personal Hygiene	Nss Unit 1 and 2 Samanvitha	22-Nov	60
17	School Visits	Nss Unit 1 and 2	Aug-22	180
18	Orphanage Home visit	Nss Unit 1 and 2 Department of ISE	22-Dec	14
19	Historical place visit Govardhan Bhetta	Nss Unit 1 and 2	22-Nov	19
20	Village Visit	Nss Unit 1 and 2 Department ECE	22-Dec	180
21	International Women's Day Celebrations	Nss Unit 1 and 2 Samanvitha	08/03/2022	66
22	Raksha Bandhan	NCET	11/8/2022	200
23	Pot luck	NCET	21/04/2022	150
24	KALARAVA	NCET	8/6/2022	80
25	College Level Sports	NCET	13/6/2022	200
26	Kalarava	NCET	16/6/2022 to 18/6/2022	850
27	Independence Day	NCET	15/8/2022	250
28	Teacher's day/Founders Day	NCET	05/09/2022	500
29	Diya painting	NCET	20/10/2022	90
30	Kabaddi VTU Tournament	NCET	01/11/2022 to 05/11/2022	80
31	Badminton VTU Tournament	NCET	2/11/2022	70
32	Kannada Rajyotsava	NCET	19/11/2022	200
33	Cricket College Tournament	NCET	23/11/2022 to 28/11/2022	70
34	VOLLEY BALL	NCET	29/11/2021 & 30/11/2022	70
35	Basketball VTU Tournament	NCET	30/11/2022	60
36	Football VTU Tournament	NCET	02/12/2022 to	80

			03/12/2022	
37	Volleyball VTU Tournament	NCET	17/12/2022	80
38	Flag Day	NCET	12/8/2022	95
39	Awareness Programme on account of World Health Day	NCET	7/04/2022	150
40	Ambedkar Jayanthi	NCET	12/4/2022	250
41	World Book Day	NCET	23/4/2022	95
42	Hanuman Jayanti and Angaraka Sankastahara Chaturthi	NCET	19/4/2022	140
43	International Day Against Drug Abuse	NCET	29/6/2022	150
40	Sri Rama Navami	NCET	12/4/2022	250

15. IQAC INITIATIVES:

15.1 Knowledge sharing sessions for Faculties:

Sl. No	Title	Resource person	Date
1	Knowledge Sharing Session on How to live Happy Life	Dr. Yogeesha H C	22.09.2022
2	Knowledge Sharing Session on “Overview of CLTP Program at Japan”	Dr. Rohith S	22.09.2022
3	Knowledge Sharing Session on “Use of Mathematical Tools Day-To-Day Life”	Dr. M.V. Sarvesha	29.09.2022
4	Knowledge Sharing Session On “Effective Teaching Techniques”	Dr. B. V. Ravishankar	29.09.2022
5	Knowledge Sharing Session On “Mindset and thankfulness”	Dr. Anil Kannur	6.10.2022
6	Knowledge Sharing Session On “Vastu and its Importance”	Dr. Ramesh P S	6.10.2022
7	Knowledge Sharing Session on “Importance of Fasting”	Dr. Syed N Hussain	13.10.2022
8	Knowledge Sharing Session on “Lithium-Ion Batteries”	Dr. Mahesh Shastri	13.10.2022
9	Knowledge Sharing Session on “Effective Teaching Methodologies”	Dr. B. V. Ravishankar	3.11.2022
10	Knowledge Sharing Session on “Need for R & D and IPR Activities in Engineering Colleges	Dr. Gopalakrishnan K	3.11.2022

15.2 Workshop/ Seminar Organized:

Sl. No	Title	Resouce person	Date
1	Expert Talk on “CO-PO Mapping and Attainments”	Dr. G Varaprasad	1.10.2022
2	An Awareness Programme on “NIRF and Research Funding”	Dr. Abhishek Appaji M	8.10.2022
3	An Expert Talk on “Personal Wellbeing and Leadership”	Mr. Kiran Ratnala	8.10.2022
4	Expert Talk on “Importance of Human Values”	Mr. Anand Kumar Kadali	15.10.2022
5	Awareness Programme on “NEP 2020”	Dr. B. V. Ravishankar	15.12.2022
6	“Invited Talk on CO-PO Mapping and Computation of Attainments	Dr. Mangala Keshava	24.05.2022
7	Live Broadcast of PM Modi's "Pariksha Pe Charcha"	PM Modi	1.4.2022
8	Awareness Progress on account of World Health Day	Dr. Gowthami K	7.4.2022
9	Invited talk on Antenna Design	Dr. Ananda Sharma	21.5.2022
10	Webinar on Intellectual Property Rights	Mr. Abhishek Singh	10.3.2022
11	Invited talk on NBA Accreditation	Dr. Vasundhar Patel K S	28.5.2022
12	Faculty Orientation Programme	Dr. V. S. S Kumar	3.06.2022

16. Academic and Administrative Audit conducted by IQAC:

Nagarjuna College of Engineering & Technology

Bengaluru-562162, Karnataka State, India

(An Autonomous under VTU, Approved by AICTE)

Four UG Programs Accredited by NBA and NAAC Accredited with A Grade



***Summary of the Findings of the
Internal Academic Audit conducted by
IQAC at the end of ODD Semester 2021-22***

Nagarjuna College of Engineering & Technology, Bengaluru – 562164

Tel: 080-6746 2700 Fax: 080-6746 2799 www.ncet.co.in

Nagarjuna College of Engineering & Technology, Bengaluru

Annexure – I

Summary of the Findings of the Internal Academic Audit conducted by IQAC at the end of ODD Semester 2021-22

IQAC has organized Internal Academic Audit on 23rd to 30th April 2022 at the end of the Odd Semester for the Academic Year 2021-22. The major findings of the Audit are as follows;

PO, PSO and Curriculum:

- PAC & DAB Meetings are to be conducted regularly
- PO and CO attainment are to be computed including for the pandemic period
- Records of indirect attainment are to be maintained.
- More number of Value added courses are to be conducted.
- Stake holder's feedback form requires modification.

Faculty Information and their contribution:

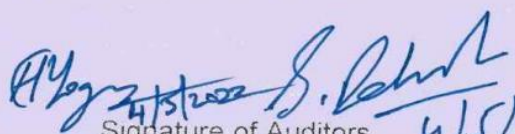
- Research publication in reputed indexed journals(Scopus/SCI/WOS) needs improvement in CS, DS, AIML and MBA departments.
- More number of FDPs are to be organized
- Faculty interaction with outside needs improvement
- More number of innovative student projects are to be developed
- Proper maintenance of Students Feedback on Teaching learning process and Action Taken Report for the department of CSE/MBA/DS/AIML is required.
- Research grants & consultancy needs improvement in all departments.

Teaching-Learning Process:

- Performance of the students is a concern.
- E-content development and innovative teaching practices are to be improved
- Regular maintenance of Mentoring records are required.
- Media centre is to be established & required software's to be procured.
- More number of life skill programs to be organized

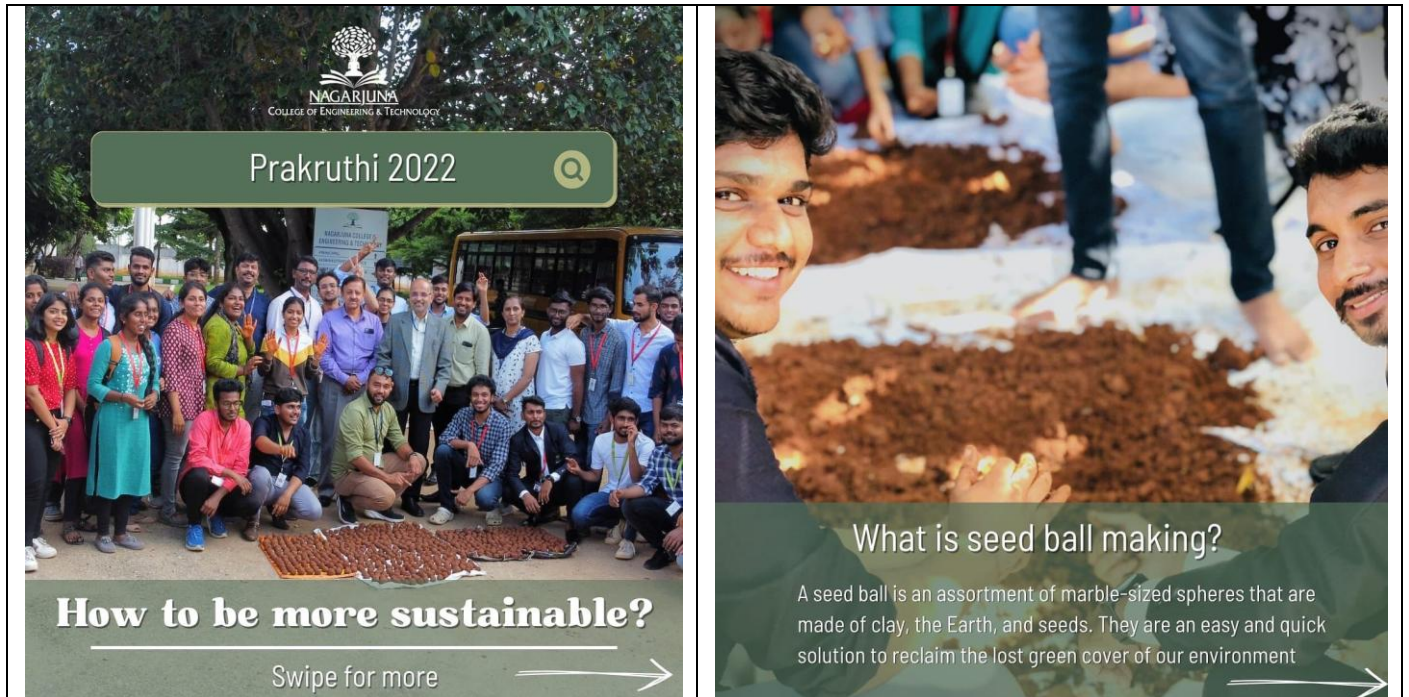
Student Support:

- Number of industrial visits to be increased and internship opportunities are to be provided.
- Student club activities needs to be strengthened
- Encourage more number of students to participate in cultural and sports activities.
- Increase the number of Hands on workshops and training programs
- Extension activities and AICTE Activity point program needs to be outcome oriented.
- GATE, GRE/TOEFL Coaching to be provided


Signature of Auditors 4/5/22

17. Glimpse of Activities:

A. Green Initiatives - Seed Ball Making on 21.07.2022



Independence Day Celebrations 15.08.2022



B. Demo of Electric Vehicle on 22.07.2022 developed in Association with Re-Batt Energy Solutions



C. International Day Against Drug Abuse on 29.06.2022



D. International Yoga Day Celebration on 21.06.2022



E. Spoken Kannada Social Media Campaign



F. Nandi Clean up drive on 1.5.2022 in association with District Administration



G. Inauguration of NAGARJUNA Health Care Center on 10.06.2022



H. Introduced German Language Course in language lab on 20.05.2022



I. AccelAthon - Hackthon on June 24-25, 2022



J. Technical Project Exhibition on 2.07.2022



K. Guest Lecture on 28.05.2022 by Mr. Mohan, Practice Head, Wipro.



L. Invited Talk by Mr. S Hiriyanna, Scientist, ISRO on 23.07.2022



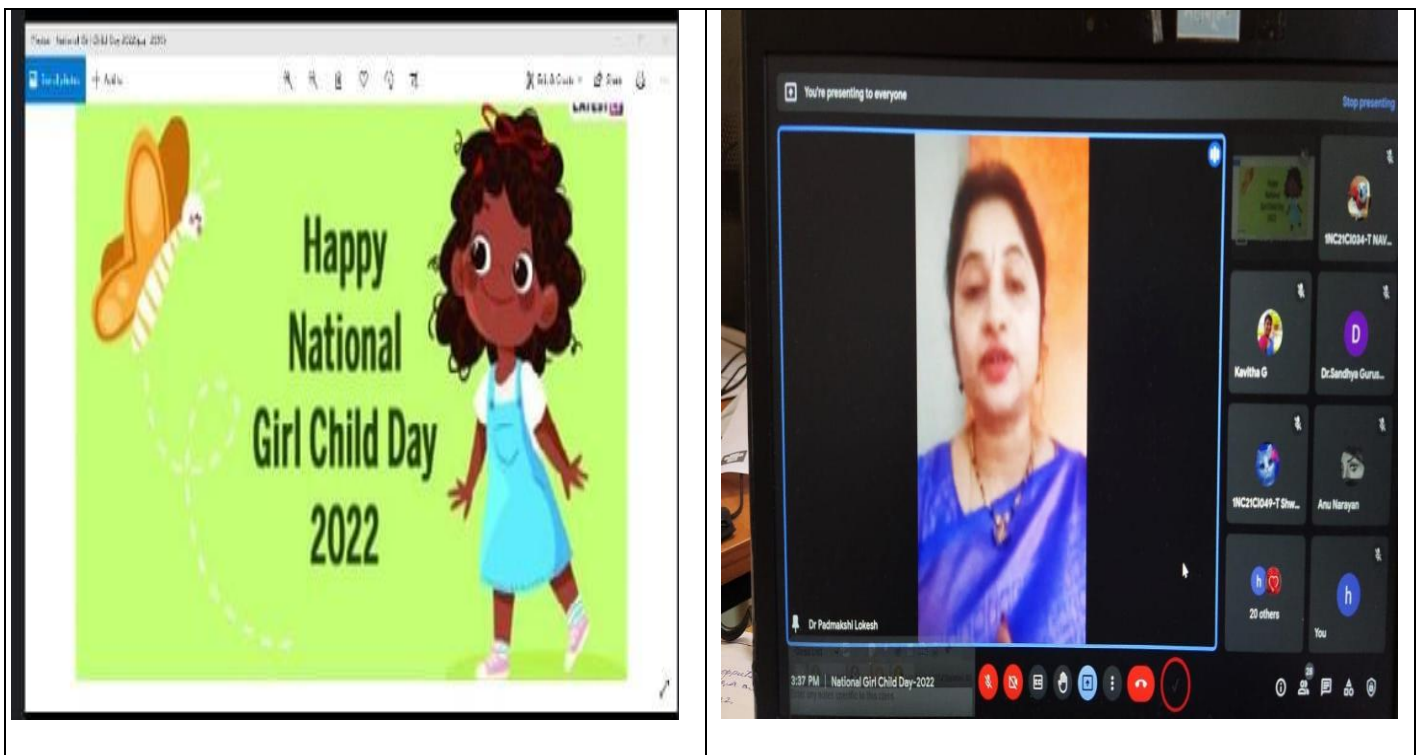
M. National Conference on Emerging Trends And Recent Innovations In Engineering & Technologies by CS Dept on 21- 22 April, 2022



N. Demo of Launch of NAGARJUNA UNITY Satellite as part of 75 Student Satellites



o. National Girl Child Day on 24.1.2022



P. International Women's Day on 8.03.2022.

