



NATIONAL EDUCATION SOCIETY (R)

# JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING

Shivamogga, Karnataka

(Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi)



# ANNUAL REPORT 2022-23

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NATIONAL EDUCATION SOCIETY (R)  
**JAWAHARLAL NEHRU NEW  
COLLEGE OF ENGINEERING**  
Shivamogga, Karnataka



### Our Vision

To be a pace setting institute in technical & management education and research in producing highly competent engineers, managers & entrepreneurs to meet the needs of industry and society.



### Our Mission

- \* Impart quality education through flexible and innovative learning process.
- \* Enable and Ignite young minds to excel in their career and life with entrepreneurial spirit, professional ethics and human values.
- \* Facilitate invention based research and collaborate with industries to address societal needs.



### QUALITY POLICY

- \* Providing state-of-the-art technology support and best possible educational infrastructure.
- \* Development of faculty through supporting policies and procedures towards achieving higher qualifications, short-term courses, participation / presentations in seminars and conferences.
- \* Encouragement to undertake research and consultancy, improving teaching - learning process by introducing innovative pedagogical and student interaction mechanism.

# ANNUAL REPORT 2022-23



**ANNUAL**  
**REPORT**  
**2022-23**

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## 1. ABOUT NES

During the Freedom struggle, Mahatma Gandhi, the Father of our Nation stressed the need for quality rural education and development of women education and urged the leaders and youth to help in promoting it. Senior Freedom fighters and public of Shimoga were first to respond to the call of Mahatma. In 1946 they set up the National education society at Shimoga which is the important place of Malnad Area of Western Ghat Region in the Country which is endowed with rich and enchanting grace of Nature.

The Society, with the zeal dedication of senior leaders of the district like Mr. S.V.Krishna Murthy Rao, former deputy speaker of Loksabha, Mr.H.S.Rudrappa, Former Minister of Karnataka. Mr. P. Murudappa, Mr. R. K. Jayatheerthachar and Mr. S. Narasimha Murthy senior Advocates, Mr. S. R.Nagappa Shrestty, Ex-MLA and a great social worker and others strived hard to build the institution as founders to achieve the aspirations of Mahatma. The society started independently Managed High School in the district during 1946 and constructed its own building with public assistance. With a view to give thrust towards girl's education NES opened the first Girl's High School in the district in 1954 and gradually opened educational institutions in rural areas of the district to cater the needs of rural people.

Many illustrious leaders, statesman, personalities have visited the National education Society and have blessed by appreciating the dedicated service of the society. Among them are Honorable Dr. Rajendra Prasad, former President of India, Philosopher educationist Dr. S. Radha Krishnan, former president of India, Shri Lal Bahadur Shastri, Former Prime Minister of India, Sri Jayachamaraj wodeyar, former Maharaja of Mysore, Sri Vinoba Bhave a great leader of Sarvodaya movement, Acharya Tulsi, the leader of Anavarath Movement are few among them.

Despite number of problems during and after freedom struggle the enthusiasm and commitment of National Education Society never detered towards working for the cause of education. The society started number of professional Colleges in the district. Now it is running 40 educational institutions providing education to more than 15,000 students with 1000 staff force. Starting from giving importance to Primary, Secondary and Pre-University education by opening number of Schools and Junior Colleges, the National Education Society is offering courses with high quality education in Engineering, Law, Commerce, Pharmacy, Applied Science and Home Science through its well established colleges.

Thousands of Alumni of these institutions have made their name and fame earned by obtaining national and international recognitions in their respective fields. It is a matter of great satisfaction to the society in its efforts to do best for imparting good education to students. Good number of students is coming out from its institutions with flying colours obtaining distinction every year.

The Society is managed by an Executive Committee. The directors have taken the development of the Society as a life mission and are continuing the efforts to fulfil the aspirations of its founders. It has provided all the necessary facilities with adequate infrastructure to students and staff to promote both curricular and co-curricular activities.

The National Education Society observed its Golden Jubilee during 1998, and dedicated a statue to Mr.S.R.Nagappa Shrestty, a man who devoted his life to the development of the society. Further, NES celebrated Diamond Jubilee year during 2022.

For more details, please visit: <http://nes-shimoga.org/about.html>



# EXECUTIVE COMMITTEE OF NATIONAL EDUCATION SOCIETY (R)



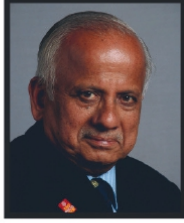
ಶ್ರೀ ಜಿ.ಎಸ್. ನಾರಾಯಣರಾವ್  
ಅಧ್ಯಕ್ಷರು



ಶ್ರೀ ಸಿ.ಆರ್. ನಾಗರಾಜ  
ಉಪಾಧ್ಯಕ್ಷರು



ಶ್ರೀ ಎಸ್.ಎನ್. ನಾಗರಾಜ  
ಕಾರ್ಯದರ್ಶಿಗಳು



ಡಾ.ಪಿ. ನಾರಾಯಣ  
ಸಹ ಕಾರ್ಯದರ್ಶಿ



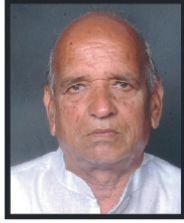
ಶ್ರೀ ಡಿ.ಬಿ.ರಮೇಶ್  
ಖಜಾಂಚಿ



ಶ್ರೀ ಕೆ.ಆರ್. ಅಶ್ವಥನಾರಾಯಣ ಶೆಟ್ಟಿ  
ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಎನ್.ಕೆ.ನಾರಾಯಣರಾವ್  
ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಪಿ. ಮೈಲಾರಪ್ಪ  
ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಹೆಚ್.ಸಿ. ಶಿವಕುಮಾರ್  
ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಸುಧೀರ್ ಜಿ.ಎನ್.  
ನಿರ್ದೇಶಕರು



ಶ್ರೀಮತಿ ಎಂ.ಆರ್. ಸೀತಾಲಕ್ಷ್ಮಿ  
ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಎಸ್. ಮಧುರಾವ್  
ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಎಂ.ಬಿ.ರಾಮಚಂದ್ರಮೂರ್ತಿ  
ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಡಿ.ಎಸ್. ಅರುಣ್  
ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಎಂ.ಎಸ್. ಅನಂತಪ್ಪ  
ನಿರ್ದೇಶಕರು

## ANNUAL REPORT 2022-23

## 2. ABOUT JNNCE

Jawaharlal Nehru New College of Engineering (JNNCE)[formerly Jawaharlal Nehru National College of Engineering], is one of the technical institutions of Karnataka, providing excellent technical education and training to students from all parts of India. Established by NES in 1980, JNNCE is approved by Government of Karnataka and AICTE; affiliated to Visvesvaraya Technological University, Belgaum and accredited by NAAC.

A preferred destination of students seeking technical education, the institution offers BE degree in 9 branches, 3 PG Courses, namely, M. Tech., MCA and MBA, besides M.Sc. (Engg.) and Ph.D. in nine disciplines. Spread over a sprawling campus of 39.4 acres, the institution is reputed for its high-caliber faculty, excellent infrastructure, academic environment and placement. Around 18000 graduates and post-graduates have so far passed out from this College and have been making significant contributions in academic institutions, industry R & D organisations and Government Departments in India and abroad.

JNNCE is also a University recognized research centre in Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering , MBA, Physics, Chemistry and Mathematics leading to the award of M.Sc. (Engg.) and Ph.D. So, for 60 candidates have been awarded Ph.D. from our research centres.

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### 3. GOVERNING COUNCIL OF JNNCE

1	Sri. G S Narayana Rao President, NES, Shivamogga	CHAIRMAN	
2	Sri. C R Nagaraj Vice President, NES, Shivamogga	MEMBER	
3	Sri. S N Nagaraja Secretary, NES, Shivamogga	MEMBER	
4	Sri. Dr. P Narayan Joint Secretary, NES, Shivamogga	MEMBER	
5	Sri. D G Ramesh Treasurer, NES, Shivamogga	MEMBER	
6	Sri. Ashwathanarayana Setty Director, NES, Shivamogga	MEMBER	
7	Smt. Seethalakshmi M R Director, NES, Shivamogga	MEMBER	
8	Sri D S Arun Director, NES, Shivamogga	MEMBER	
9	Dr. H N Suresh Principal, UVCE, Bangalore	MEMBER	
10	Registrar, NES, Shivamogga	Ex-Officio Member	
11	VTU Nominee	MEMBER	UNIVERSITY NOMINEE
12	Regional Director, South-Western Regional AICTE Office	MEMBER	AICTE NOMINEE
13	Directorate of Technical Education, Bangalore	MEMBER	GOVT NOMINEE
14	Dr. Manjunatha P Prof, ECE. Dept, & Dean Academics J.N.N.C.E, Shivamogga	MEMBER	STAFF NOMINEE
15	Smt. Anuradha C K Asst. Prof. MBA Dept., J.N.N.C.E, Smg	MEMBER	STAFF NOMINEE
16	Principal, JNNCE	MEMBER SECRETARY	



## 4. INSTITUTE PROFILE

JNNCE is a flagship Institute of the National Education Society (NES), established by freedom fighters and philanthropists like Sri. H. S. Rudrappa, Sri. S. V. Krishna Murthy Rao, Sri.S. R. Nagappa Setty and Sri. D. S. Dinakar and groomed by Sri Girimaji N Rajagopal, Sri D.R.Ratnakar among others.

All the founders of NES by their vision, hard work and contribution have brought JNNCE to the level it is today, which is being acknowledged and applauded by all. With the blessings of all, JNNCE is marching towards becoming one of the best institutions imparting education in engineering, management and computer application to needy students and creating citizens of tomorrow.

In this direction, over the last couple of years, many such developments and improvements have been achieved, with successful milestones. During July 2016, an initiative “Transformation for Excellence 2.0” for making JNNCE one of the top engineering, research, innovation and enterprising institutes was started. During this journey, the focus was on improving the quality of education, research & innovation, infrastructure development, employability of students & few more.

Jawaharlal Nehru New College of Engineering (JNNCE)[Formerly, Jawaharlal Nehru National College of Engineering (JNNCE)] was established in the year 1980 by National Education Society (NES). JNNCE is imparting education in Technology and Management since 41 years. JNNCE is running B.E (Civil, Mechanical, EEE, ECE,CSE, ISE, ETE & AI & ML, Robotics & Artificial Intelligence), M.Tech (Transportation Engineering and Management, Computer Science), MCA and MBA programmes. JNNCE has been recognized by All India Council for Technical Education (AICTE) New Delhi, and Government of Karnataka, and is affiliated to Visveswaraya Technological University, Belgaum and accredited by NBA-New Delhi and NAAC. For more details about our college, please log on to our website: [www.jnnce.ac.in](http://www.jnnce.ac.in)

The lush green sprawling campus of about 39.4 acres caters to the needs of nearly 3750 students and 450 staff, with state-of-the-art technology back-up, well-equipped laboratories and workshops, library, hostels, playgrounds and other amenities. The dedicated faculty of the institute comprises of 60 Ph.Ds as well as 109 with PG qualifications, amongst whom 67 are pursuing Ph.D.

JNNCE, firmly set on realizing its vision of becoming a pace-setting institute in technical and management education and research, has been successfully producing highly competent engineers, managers and entrepreneurs to meet the needs of industry, business and the society. In this direction, the just-now concluded 2021-22 academic year has been yet another fruitful year for the institute, as manifested in the above accomplishments and new developments on all fronts, providing further impetus to its urge for excellence in the ensuing academic year 2022-23. NES Management, JNNCE Staff, Students, Alumni are constantly working towards achieving this goal.

### **Glimpses of Major Achievements of the Year 2022-23**

#### **❖ Ranking/Rating:**

There is remarkable improvement in overall ranking in survey done leading magazines in 2022, as mentioned below:

1. Ranked 48<sup>th</sup> in “India Today” survey, 10<sup>th</sup> Rank in Karnataka
2. Ranked 57<sup>th</sup> among Top-100 Engineering Colleges of South India in Survey by “The Week” magazine
3. Ranked 80<sup>th</sup> in India among Top-100 Engineering Colleges of India in 2022 as per “The Outlook” & 17<sup>th</sup> position in Karnataka

#### **❖ Academics:**

Institution has so far secured over 100 ranks in university exams and during 2021-22 we bagged 5 ranks in VTU exam. We have introduced a mentoring process for potential rank holders as well other students to help them perform better in their examinations. We have started rewarding students who excel in their studies, cultural, sports and research & innovation, by awarding cash prizes, partial waiver of tuition fees and merit certificates. We organize Graduation Day which is unique where in all students become eligible for Graduation (Graduands).

#### **❖ Research and Innovation:**

**The Objective is set to focus on research and innovation so that education quality will improve.**

Our Faculty and students are pursuing research in emerging areas to solve the societal problems.

The faculty have presented and published more than 300 papers in national and international seminars, conferences and journals in the last five years. Funded Research projects worth more than Rs. 30 Lakhs have been carried out in the institute in this year. The institution has organized

one International Conference and four National Conferences /Seminars on different academic and intellectual themes successfully, attracting resource persons, speakers and delegates from academics and industry from all over India; also brought out Conference Proceedings containing valuable information and insights. To motivate innovation-based research among faculty and students, JNNCE Research and Innovation Centre in JNNCE (JNNRIC) started in 2017-18 has been functioning. So far, 60 candidates obtained Ph.D. degrees from JNNCE under Research Centre of VTU.

To encourage research and publication, the institute had launched its own online bi-annual research journal, titled “JNNCE Journal of Engineering & Management” (JJEM) in October 2017; Thirteen issues, containing research papers from scholars, both from India and abroad, have been already released and the 14<sup>th</sup> issue is now under process.

The College has also continued to publish its bi-annual, in-house newsletter titled “JNNCE Beacon” to showcase the events and developments on the campus.

Many projects catering to the need of the society are being developed; few of them are:

- COST EFFECTIVE ESTIMATION OF HYDROPHOBIC SAND AT THE FIELD SCALE
- HAND GESTURE RECOGNITION AND TEXT VOICE CONVERSION FOR DEAF AND DUMB
- EV CHARGING SYSTEM THROUGH MINI VERTICAL WIND MILLS FOR SMART CITY
- IOT BASED INTELLIGENT OUTDOOR AQUAPONICS WITH AUTOMATED GROW LIGHTS
- SMART FARMING USING MULTI-FUNCTIONAL AGRIBOT
- ACTIVE BATTERY MANAGEMENT SYSTEM
- WOMEN SAFETY NIGHT PATROLLING ROBOT
- AUTONOMOUS LITTER DETECTION AND COLLECTION ROBOT
- GOUSHALA - A LIVESTOCK MANAGEMENT USING AWS IOT
- SWASTHA NARI - AUTOMATIC SANITARY NAPKIN VENDING MACHINE
- PNEUMONIA DETECTION IN COVID AFFECTED PATIENTS
- MUSIC RECOMMENDER FOR COVID-19 PATIENTS USING FACIAL EMOTION

JNNCE has received funding from NewGen Innovation and Entrepreneurship Development Center (NewGen IEDC) under the aegis of NSTEDB, DST, Govt. of India at JNNCE with **grant of Rs. 2.87 Crore** over a period of 5 years. JNNCE is one of the Institutions obtained this grant among 250+ institutions that had submitted applications and only college in Karnataka, who got this grant. Objective of this grant is to create the platform for Innovation & Entrepreneurship and create companies with objective of generating revenue, creating jobs and wealth. During 2022-23, twelve projects have been funded with 2.5 lakhs each.

JNNCE has received more than 30 Lakhs funding from funding agencies like Department of Science & Technology, Govt. of India, AICTE, Govt. of Karnataka.

We are also aggressively moving in establishing Industry-Institute collaboration to foster the practical knowledge among Faculty and students. In this direction, we have signed MOUs with many companies such as:

- Ekathva Innovations, Shivamogga
- Tequed Labs, Bangalore.
- National Highways Authority of India (NHAI)
- Technology Informatics Design Endeavour(TIDE), Bangalore

#### ❖ **Placement:**

In addition to education and research, we are focusing to provide skill-based training to increase their employability. To prepare students, we are providing soft skill training, exposed to emerging technologies by way of technical talks by Industry experts, hands-on workshops in emerging and niche technology areas like Artificial Intelligence, Machine Learning, IoT, Data Science, Satellite Communication etc,. Also we have created the platform to pursue their projects in emerging technology fields and involve in research projects focusing social issues, agriculture, manufacturing, low-cost construction of building, healthcare, finance, etc.

More than 633 students from 2022-23 batch have got job offers during campus placement in companies like TCS, Evive Health, Crimson Logic, Global Edge, Colors Software, SOCIETE GENERALE, ETHNUS etc. Highest salary offered during 2022-23 is Rs.24 Lakhs per annum and average salary is Rs.3.5 lakhs per annum.

#### ❖ **Students Chapters of Professional Bodies:**

Several professional bodies' Student Chapters are active in JNNCE, which help the students to become team players and develop leadership qualities. We have chapters of: Institution of

Engineers (India), The Institution of Electronics and Telecommunication Engineers (IETE), Institute of Electrical and Electronics Engineers (IEEE) Students Branch, National Service Scheme (NSS), Computer Society of India, Society for Automotive, Indian Institute of Foundry men, SAE etc.

❖ **Quality Improvement in Education:**

Unlike the conventional method of teaching, JNNCE is practicing 'Outcome Based Education', where every subject taught has certain objectives to be fulfilled, which further fulfill the objectives of the department.

In this direction, apart from the regular teaching,

- Many workshops and faculty development programs are organized to gain practical exposure about the latest technologies currently used in industries.
- Students are encouraged to participate in state and national level technical competitions conducted by various organizations throughout India.
- Department level committees are constituted for (i) Academic Improvement (ii) Placement and Training (iii) R&D, Industry-Institute interaction.
- Professional trainers are invited to teach life skills to students not only for campus interviews but also to prepare them for future.
- Student feed-back is taken, which helps self-assessment.
- Open textbook tests are conducted to ensure that students study throughout the semester and not only during the exam time.
- Google Class rooms are being used, where the notes, ppts and lecture videos are uploaded, so that it would help students to do better.
- Encouraging students to use web resources offered by VTU and NPTEL by IIT's

❖ **Conferences, Workshops, Symposiums organized:**

On a regular basis, all the departments organize and participate in conferences and workshops as part of continuous learning program, in association with bodies like CSR, DRDO, NBHM, ISTE, IIT Bombay, IIT Khargpur, IETE etc. In last three years, JNNCE has organized about 30 workshops; the faculty has attended about 641 Faculty Development Programs / Seminars / Webinars and around 17 conferences and 100 resource persons have visited JNNCE as guest speakers, paving the way for knowledge enhancement.

#### ❖ **Contribution to Society by Staff and Students:**

Our staff and students are also involved in various activities contributing to the society. Be it visiting rural areas, blood donation camps, awareness camps, reaching to school children, go green projects, helping the district administration or reaching out to the needy for assistance, they are everywhere! Few of them are: Participating in Pulse polio program, Cow donation and Youth parliament. Faculty from basic sciences departments are actively participating in CET coaching classes for PU students every year, Internet awareness program for housewives and senior citizens, Workshop on electronics, electrical and physics for high school students for over 400 students, staff as experts / committee members in district administration and Government departments, providing financial assistance to meritorious and economical backward students in the form of scholarships, organizing Blood Donation Camps in association with Rotary, Red Cross and Govt. Mc-Gann Hospital etc.

#### ❖ **Library & Information System:**

The institute library, housed in an exclusive and spacious block, has a collection of 1,25,695 books relating to all branches of Engineering and Management, digital library, subscribes to 23 National & International Journals with more than 2500 e-journals through VTU Consortium and DELNET. The Library has been computerized with e-Lib iNext Web based software. Also, institute is identified as NPTL local chapter.

#### ❖ **Alumni:**

More than 18,000 students who have passed out of this institution have been making significant contributions in Industries, R&D organizations, Academic Institutions and Govt. Organizations in India and abroad and serving their alma-mater.

The institute has registered alumni association which is active and supportive that meets regularly during the month of May every year and involves itself in the development of the institution by undertaking various activities. The vast alumni community has been brought on board by registration of Alumni Association, launching a dedicated website, holding Global Alumni Meet, instituting Distinguished Alumni Awards, co-opting alumni in various administrative cells and panels, securing scholarships, internships, placements & sponsorships for our students, etc.

Year of Estd.:	1980	Name of Principal:	Dr. Manjunatha P
		Built Area:	53097.59 sqm
No. of UG Programmes:	09	Land Area	143056.38 square meters ( Excluding MBA – 4 Acres)
No. of PG Programmes:	04	Carpet Area:	45132.95 sqm



UG Programmes			PG Programmes		
Course	Year	Intake	Course	Year	Intake
Civil Engineering	1980	120	MBA	1996	120
Mechanical Engineering	1980	90	MCA	1995	120
Electrical & Electronics Engineering	1980	60	M.Tech. in Computer Science and Engineering	1999	25
Electronics and Communication Engineering	1980	120	M.Tech. in Transportation Engineering & Management	2010	18
Computer Science and Engineering	1991	180			
Information Science and Engineering	1999	120			
Electronics & Telecommunication Engineering	2000	60			
Artificial Intelligence & Machine Learning	2022	60			
<b>Robotics &amp; Artificial Intelligence</b>	<b>2023</b>	<b>60</b>			

Research Centre		Total Students						
Departments	Year	UG				PG		
		Year	Total	Boys	Girls	Total	Boys	Girls
Civil Engineering	2002							
Mechanical Engineering	2000	1st year (2022-23)	772	351	421	214	72	142
Computer Science and Engineering	2003	2nd year	840	473	367	194	86	108
Electronics and Communication Engineering	2006	3rd year	701	403	298	0	0	0
Electrical and Electronics Engineering	2002	4th year	770	437	333	0	0	0
MBA	2006	<b>Total</b>	<b>3083</b>	<b>1664</b>	<b>1419</b>	<b>408</b>	<b>158</b>	<b>250</b>
Chemistry	2012							
Physics	2016							
Mathematics	2017							

**Faculty Cadre as on July 2023**

Course	Professor	Associate Professor	Assistant Professor	Total
Principal	1	-	-	01
Civil Engineering	1	-	19	20
Mechanical Engineering	2	2	13	17
Electrical & Electronics Engineering	2	1	9	12
Electronics and Communication	2	1	18	21

Engineering				
Computer Science and Engineering	4	2	18	24
Information Science and Engineering	2	4	15	21
Electronics & Telecommunication Engineering	2	1	8	11
AI & ML	1	1	1	3
MBA	1	1	9	11
MCA	1	2	6	9
Physics	1	1	1	3
Chemistry	1	1	2	4
Mathematics	1	1	6	8
Physical Education	-	-	1	1
Librarian	-	-	1	1
Placement Officer	-	-	1	1
Humanities	-	-	1*	1
<b>Total</b>	<b>22</b>	<b>18</b>	<b>128+1*</b>	<b>168+1</b>

\*Guest Faculty

#### Faculty Qualification as on July 2023

Course	Ph.D.	Ph.D. pursuing	PG	Total
Civil Engineering	04	08	08	20
Mechanical Engineering	07	06	04	17
Electrical & Electronics Engineering	03	05	04	12
Electronics and Communication Engineering	06	14	01	21
Computer Science and Engineering	07	12	05	24
Information Science and Engineering	06	09	06	21
Electronics & Telecommunication Engineering	04	03	03	13
AI & ML	02	01	00	03
MBA	08	01	02	11
MCA	04	05	00	09
Physics	03	00	00	03
Chemistry	03	01	00	03
Mathematics	03	02	05	08
Physical Education	00	01	00	01
Librarian	00	00	01	01
Placement Officer	00	00	01	01
Humanities	00	00	01	01
<b>Total</b>	<b>60</b>	<b>68</b>	<b>41</b>	<b>169</b>

#### Staff details as on July 2023

##### Laboratory Staff

Designation	Number
Foreman	07
Instructor	38
Supporting Technical Staff	13
Supporting Non-Technical Staff	17

##### Principal's Office Staff

Designation	Number
Superintendent	2
Project manager	1
FDA	7
SDA	7
Supporting Staff	45

**Library Staff**

Designation	Number
Asst. Librarian	2
Supporting Staff	9

**Sports staff**

Designation	Number
Sports Assistant	1
Supporting Staff	3

**Hostel Staff**

Designation	Number
Supervisor	5
Supporting Staff	47

**Training & Placement Cell**

Designation	Number
Placement Assistant	1
Supporting Staff	1

**Transportation Staff**

Designation	Number
FDA	1
Driver/Conductor	48

**List of HODs as on July 2022**

Name	Department
Dr. Karthika B S	Civil Engineering
Dr. E Basavaraj	Mechanical Engineering
Dr. A H Thejaswi	Electrical & Electronics Engineering
Dr. S V Sathyanarayana	Electronics and Communication Engineering
Dr. Poornima K M	Computer Science and Engineering
Dr. R Sanjeev Kunte	Information Science and Engineering
Dr. S Surendra	Electronics & Telecommunication Engineering
Dr. Chetan K R	Artificial Intelligence & Machine Learning
Dr. C. Srikant	MBA
Dr. S Prabhudeva	MCA
Dr. B. N. Ananda Ram	Physics
Dr. M. H. Moinuddin Khan	Chemistry
Dr. Nirmal T	Mathematics
Mr. Chetan A. V.	Physical Education Director
Mr. Chandrakantha R. Bhat	Librarian
Mr. G. Suresh	Placement Officer

**Library Details as on July 2023**

1	Carpet area	2049.48Sq.m
2	Software	e-Lib iNext Web based
3	No. of volumes	1,25,695
4	No. of titles	15919
5	National Journals	23
6	International Journals	--
7	Member of VTU Consortium ( Online Journals)	2500+
8	Member of DELNET	On line journals, E-Books and Inter library loan
9	NPTL Services	On line course materials
10	General Magazines	08
11	Website	www.libinfo.jnnce.ac.in
12	Institute's on line journal	JNNCE Journal of Engineering & Management (JJEM)

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## 5. STRATEGY–TRANSFORMATION FOR EXCELLENCE 2.0

### “Transformation for Excellence”

*An initiative for making JNNCE as one of the top engineering, research, innovation and enterprising institutes!*

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- i. Enhancing the academic atmosphere by emphasizing excellence in teaching, research, innovation
- ii. Engage the stake holders to explore strengths & opportunities across the institute
- iii. Identifying the problems & developing solutions, automating routine works to optimize the resources
- iv. Increase the competence level of Faculty and staff
- v. Making the work environment as fun to work
- vi. Collaboration for joint research and exchange programs
- vii. Accreditation of all depts and outbound education system
- viii. Preparing and going for Autonomous status

#### 1. **Governance**

- a. Identifying the problems & developing solutions, automating routine works to optimize the resources
- b. Fostering a more transparent, responsive, motivated and agile administrative machinery
- c. Ensuring meticulous planning, budgeting, costing, accounting, internal control and audit processes in all administrative operations
- d. Increased monitoring of revenues, expenditure, investments and human resources
- e. Launching of a more object-oriented HR Policies/Service Rules
- f. Systematic documentation, filing, and operations in Office Administration
- g. Better and more frequent communication with all stakeholders (management, employees, students, parents, etc)
- h. Enhancing visibility through more reaching-out, publicity & promotion, press & public relations, publications, extension & social & community participation

## 2. Education Quality

**Following are planned to increase the teaching quality:**

- Faculty Development workshops on various topics in all depts. In coming months
- Identifying and developing Road map for topics based on current & future need
- Mentoring by inside and outside academic experts, Mentoring by industry experts
- Develop innovative, research groups working on emerging topics, faculty interest, and research infrastructure to increase externally funded projects
- Attending & organizing Conferences, Summits, Trainings by Faculty
- Organizing Faculty development programs for others
- Taking up as reviewers and chairing sessions in Journal & Conferences
- Arranging in-house workshops & Motivational programs
- Making use of Free Online resources
- Inviting Industry experts during weekend for teaching (Alumni, industry persons with passion for teaching, parents who can help us)

**Metrics for measuring Education Quality:**

- **To increase the rank holders in VTU**
  - Handholding by right Faculty & mentoring those students
  - Connecting to experts, earlier rank holders in JNNCE or outside
- **To increase the no: of distinctions in VTU**
  - Identifying probable students based on past data in University exams
  - Handholding them by way of coaching, guiding them with all possible facilities by Dept Faculty

- **To help below average students to do well in VTU**

- Helping them to identify problems & assisting them to cope up by Faculty mentors in depts
- Motivating them so that they can score well

### **3. Infrastructure Development**

- Developing and maintaining state-of-the-art infrastructure in the campus – for administration, teaching-learning, research, consultancy, campus-living, and welfare of all the constituents
- Developing transparent and responsible system for identifying and indenting departmental needs, for non-recurring & capital expenditure budgeting, purchase/acquisition, maintenance and disposal of capital assets
- Ensuring optimum utilization of classrooms, laboratories, workshops, equipments, vehicles, open spaces, play-grounds, parking space etc and checking wasteful expenditure, idle capacities, duplication, stock-filing etc
- Developing and maintaining proper landscaping, effluent-treatment, safety & security, vigilance & surveillance on the campus

### **4. Research & Innovation**

Following is planned in the coming months:

- Identifying the areas of research based on strength of Faculty
- Create an environment for high-impact, cutting-edge research
- Identifying the current work to apply for patents
- Establishing the collaboration with DRDO, ISRO, Public Sector Companies, MNCs
- Applying for Contract Research work partnering with corporate
- Develop infrastructure to enhance research capacity
- Engage students on issues that shape our society

### **5. Funding, Grants & Sponsorship**

**To generate financial support for research, innovation and other, following are planned in coming months:**



- Setting up the Technology Business Incubation Centre with support of funding from Govt of India, Govt of Karnataka, others
- Creating platform for setting up companies where in expertise of Faculty, students are made use of
- Invite companies to set up Technology Development Centres
- Setting up Engg. Teacher training cell to train Faculty across India
- Commercializing of research ideas, patents, technology transfer
- Providing Industrial Consultancy, Contract Research work
- Finishing school with optimal use current facilities ( NSDC, Govt. support, PPP model)

## **6. Industry Collaboration**

**Following is the action plan for industry collaboration:**

- Inviting industries for setting up competency centres in emerging technology areas
- To identify the various avenues through which we can interact with local firms, businesses and other intermediaries in relation to research and innovative activity.
- Contacting companies and getting consultancy, research work
- Having industry experts in college committees and advisory board
- Guest Lecture by experienced person from industry
- Organizing workshop/seminar periodically and invite the corporate people to deliver lecture and interact
- Industrial visit, Expos, Exhibitions for students, Faculty
- Panel Discussions, CEO Interactions

## **7. Placement**

**Following is the action plan for improving the placement:**

- Establishing contacts with more companies for placement using networking like through parents, Alumni's and other means

- Establishing center for preparing students to face placement test and interviews involving industry professionals, Alumni's, professionals
- Attracting core companies for placement

#### **8. Sports, Cultural Activities and Campus Living**

**Following is the action plan in coming months:**

- Encouraging students to participate in various sports event conducted by VTU, International level
- Instituting awards for those who win prizes at University, State, National and International level
- Improving the infrastructure for sports and games
- Organizing family meets, cultural functions and team building games
- Improving the hostel facilities, food quality

#### **9. NES and Society**

**Following is the way to assist NES institutions:**

- a. Assisting other NES Institution in areas of need to improve
- b. Enabling NES Institutions to make use of available facilities from Govt, Industries
- c. Assisting to arrange motivational, awareness programs to other NES Institutions
- d. Assisting to build centre for preparing competitive exams

**\*\*\***



*...footprints of a  
glorious journey*

*2022-23*

## 6. GOVERNANCE

The institute is continuously striving towards the implementation of Transformation for Excellence 2.0. In this direction, the institute machinery is decentralized its working by following a hierarchical delegation of task management. Following are the details of the various committees:

1. JNNCE Governing Council
2. Council of Heads of the department
3. Internal Quality Assurance Cell – IQAC
4. Statutory Committees:
  - a. Academic Monitoring Committee
  - b. Anti-ragging Committee
  - c. Anti-sexual harassment committee
  - d. Grievance Readdress Committee
  - e. Student Counseling Cell
  - f. SC/ST Cell
  - g. Universal Human Value Cell
5. Non Statutory Committee
  - a. Admission Committee
  - b. Examination Committee
  - c. Mentor Scheme Coordination Committee
  - d. NBA Core Committee
  - e. Placement & Training Committee
  - f. Research Committee
  - g. Industry Institute Interaction Committee
  - h. JJEM Editorial Committee
  - i. Purchase Committee
  - j. IT & Monitoring Committee
  - k. Delivery & Check Report Committee
  - l. CCTV Committee
  - m. Library Committee
  - n. Sports Committee.
  - o. Cultural Activity Committee
  - p. JNNCE News Letter Committee

- q. Alumni Association
- r. Meritorious Award Committee
- s. AICTE /UGC/VTU/DTE Correspondence Committee
- t. NBA/NAAC/VTU visit coordination Committee
- **40<sup>th</sup> Meeting of Governing Council** of JNNCE was held on 5.1.2023 at 12.00 Noon in the Administrative Building and the agenda points along with the resolutions are published in the institution website
- **41<sup>st</sup> Meeting of Governing Council** of JNNCE was held on 4.7.2023 at 12.00 Noon in the Administrative Building and the agenda points along with the resolutions are published in the institution website
- **IQAC MEETINGS**

IQAC meeting is scheduled periodically, with the Principal presiding over the meetings and all the Members taking part. During 2023, following are the details of IQAC meetings organized:

Meeting No.	Date	Main Agenda points
42	18.1.2023	Progress review of the year 2022, Academic improvement for first year, Placement Analysis, Accreditation process for MCA department, NIRF and other updates / NAAC Re-accreditation Preparation of time table for 2 <sup>nd</sup> sem
43	12.4.2023	Action plans for the year 2023-24 , Result Analysis, Placement Analysis, Admission Analysis

IQAC coordinator convenes and moderates the meeting.

- Meeting notice & agenda were circulated in advance and Minutes of the Meetings are drawn and circulated among all Members and HoDs for their information and compliance with the resolutions;
- Review of previous meetings and action taken, updates on activities and developments are shared in the meetings;
- Various Quality initiatives topics were placed and discussed.
- Recommendations were circulated to the concerned stake holders and published in the institution website for necessary actions and follow up.

## ❖ HODs MEETINGS

- More than 47 scheduled and unscheduled meetings of HODs are conducted during the period, with the Principal presiding over the meetings and all the HODs taking part;
  - Meeting notice & agenda were circulated in advance and Minutes of the Meetings are drawn and circulated among all HODs for their information and compliance with the resolutions;
  - Updates on activities and developments are shared in the meetings;
  - Both general and specific subjects pertaining to academics, administration, research & project funding, NAAC & NBA Accreditation, programmes & events, publications, departmental budgets, Training & placement, hostel, Campus infrastructure development & maintenance, examination & results, student & staff welfare measures, annual day functions, VIP Visits, VTU & JNNCE Academic Calendar, Staff Vacation, Circulars from VTU, AICTE, DTE & other regulatory bodies, LIC Visits, NES Management directives & decisions, etc are discussed/communicated in these meetings.

## ❖ STATUTORY COMMITTEE MEETINGS DETAILS

Sl.No.	Committee	Meeting Date	Main Agenda Points
1.	Academic Monitoring Committee	4.7.2022, 10.2.2023, 16.11.2023	Calendar of events, Planning Department Academic audit
2.	Anti-ragging Committee	27.12.2022, 25.2.2023	Review of status, Formation of flying anti-ragging squad(Day time & Hostel visits flying night), Guidelines
3.	Anti-Sexual Harassment Committee	8.3.2023, 6.10.2023	Review of status, guidelines and reporting
4.	Grievance redressal Committee	15.3.2023, 20.5.2023	Review of status, guidelines and reporting of the grievances addressed regarding infrastructure
5.	Student Counseling Cell	26.8.2022, 15.12.2022, 08.2.2023, 12.4.2023,10.5.2023,20.6.2023	Status review, Action taken report of the student counseling cases if any, future directions
6.	SC/ST Cell	23.9.2022, 1.12.2022, 1.5.2023, 24.5.2023	Status review, Action taken report of the student related issues, Counseling during admission during 2023, hand holding for applying scholarships available, any other issues

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## 7. EDUCATION QUALITY

### ❖ ADMISSION:

#### 2022-23 Admission Details of 1<sup>st</sup> year B.E

Sl No.	Branch	Intake	CET Admitted	SNQ	PMSSS	CQ Admitted	MQ Admitted	Total Admitted	Vacancy
1	Civil Engineering	126	22	6	0	6	34	92	126
2	Mechanical Engineering	95	0	3	0	5	8	87	95
3	Electronics & Communication Engineering	126	53	6	9	58	126	0	126
4	Electronics & Telecommunication Engineering	63	34	3	0	20	57	6	63
5	Electrical & Electronics Engineering	63	29	3	1	17	50	13	63
6	Computer Science & Engineering	189	81	9	54	45	189	0	189
7	Information Science & Engineering	189	81	9	26	73	189	0	189
8	Artificial Intelligence & Machine Learning	63	26	3	6	28	63	0	63
9	Robotics & Artificial Intelligence	63	39	3	0	14	56	7	63
	<b>Total</b>	<b>977</b>	<b>365</b>	<b>45</b>	<b>96</b>	<b>266</b>	<b>772</b>	<b>205</b>	<b>977</b>

Note: PMSSS-over and above admission

#### 2022-23 Admission Details of

#### 1<sup>st</sup> year M.Tech, MBA & MCA

Sl No	Branch	Total Intake	GQ Admitted	MQ Admitted	Total Admitted	Vacancy
1	MBA	120	56	64	120	0
2	MCA	90	45	45	90	0
3	M.Tech-CSE	25	2	0	2	23
4	M.Tech-CTM	18	2	0	2	16

- **Inauguration of First Semester B.E. Programs (2022-23 Batch)** was arranged on 3.12.2022., Smt. K L Shivani, Scientist, ISRO delivered the keynote
- Institute Induction Program Cell (IIPC) organized **First year Induction Program** from 3.12.2022 to 10.12.2022 Some important sessions:
  - College discipline, Rules and Procedures, VTU Regulations– Dr. B N Anandram
  - New Curriculum – NEP syllabus – Dr. S V Sathyanarayana & Dr. Jalesh Kumar
  - Cyber Crime – Dr. Manjunatha P
  - E- Learning – Mr. Prashanth Ankalakoti
  - Time Management – Dr. Vikrama D K
  - Communication – Dr. C Srikanth
  - Student Life & Literature – Dr. Rajeshwari , Dr. Nagarjuna
  - Positive Mental Attitude - Dr.Aishwarya V Hittanagi

- Wellness – Dr. Raksha Rao
- Student Life & Kagga – Sri. Natesh K G
- Drug Abuse – Dr. Pavithra K S, Dr. Aravind
- Stay focused for happy learning Patriotism – Dr. H B Suresh, Dr. Archana Bhat
- Secret of Success - Mr.Prashanth Vittal Pai
- Tree Plantation – NSS Team
- Self Confidence and Discipline
- Literary Activities
- Alumni Interaction
- Library Activity
- Cultural and Sports Activity
- Entrepreneurship
- NSS Awareness
- Anti-Ragging Awareness

- **Inauguration & Orientation Program for PG Programs 2022-23 batch MBA** was arranged from 13.02.2023 to 16.02.2023. 100+ PG newly admitted students attended the program.

Date	Timings	Resource Person	Topic
<b>13.02.2023</b>	9.30 AM-10.00 AM	-----	Assembling and Registration
	10.00 AM-1.30PM	Dr.C Srikanth Director	MBA – Programme overview, DOs and Don'ts, VTU Guidelines and programme expectations.
	<b>1.30PM-2.30PM</b>	<b>Lunch Break</b>	<b>Break</b>
	2.30PM-4.00PM	Vidwan G.S Natesh	Values and Ethics in Life
	<b>4.00PM-4.15 PM</b>	<b>Break</b>	<b>Break</b>
	4.15PM-5.30PM	All Faculty Members	Communication Lab
<b>14.02.2023</b>	8.30AM-1.30PM	Dr.Archana Bhat HOD, Dept of Psychology, Dr.K.A Pai Memorial College	Goal Setting and Staying Focused
	<b>1.30PM-2.30PM</b>	<b>Lunch Break</b>	<b>Break</b>
	2.30PM-4.30 PM	Ms. Aishwarya A.H	Communication skills for Managers
	<b>4.00 PM 4.15PM</b>	<b>Break</b>	<b>Break</b>
	4.15PM-5.30PM	All Faculty Members	Communication Lab
<b>15.02.2023</b>	8.30 AM-3.45 PM	Mr.Ramini Venkat Trainer	Management and Entrepreneurial Skill for Management Graduates
	<b>3.45PM-4.00 PM</b>	<b>Break</b>	<b>Break</b>
	4.00 PM-5PM	Dr.K.S Pavithra Psychiatrist.	Positive Mind and Mind Power
<b>16.02.2023</b>	8.30 AM-11.00 AM	Dr. Kumar V.L.S Master Trainer First Aid and Disaster Management	Life skills and First Aid
	<b>11.00AM-11.15 AM</b>	<b>Break</b>	<b>Break</b>
	11.15AM-1.30PM	Mr. Raghavendra Prasad, Director Chaitanya Rural Development	Employability skills required for MBA graduates
	<b>1.30PM-2.30PM</b>	<b>Lunch Break</b>	<b>Break</b>
	2.30PM-4.00 PM	Mr. Ramachandra Gunari	How to read and make use of News

		Special Correspondent Indian Express	papers
	<b>4.00PM-4.15PM</b>	<b>Break</b>	<b>Break</b>
	4.15PM-5.30 PM	Mr. Chandan N Theatre Artist	Theatre and Management

- **Parents Meet:** All the departments organized parents meet on during Feb/March 2023. Many parents attended the meet and interacted with the teachers. The teachers informed about the performance of the wards. The following were the overall opinion given the parents:

- Positive Feedback about Teaching Learning Process
- To arrange coaching classes for GATE, TOFEL
- Some issues in Transportation Facility
- To arrange more placement training
- To arrange training on Communication skills to rural students
- To have common Class timings 9.00AM to 5.00PM

#### **Ranks Secured & Results**

##### **Details of University Ranks Secured during 2021-22 [Announced in 2022-23]**

Vidyashree R	B.E., Department of ECE	4 <sup>th</sup> Rank
Roopa K R	M.Tech., Transportation Engineering & Management	1 <sup>st</sup> Rank
Impana R	M.Tech., CS & E	5 <sup>th</sup> Rank
Vidya M P	Master of Business Administration	6 <sup>th</sup> Rank
Umme Asma	Master of Computer Applications	9 <sup>th</sup> Rank

##### **Details of University Ranks Secured during 2022-23**

Parvathi Salera J	B.E., Department of CS & E	1 <sup>st</sup> Rank
Smriti K Vantkar	B.E., Electronics & Telecommunication Engineering	9 <sup>th</sup> Rank

**Statement showing the statistics of Results pertaining to  
VII Sem UG in Jan 2022. Exams**

Branch	Total Appeared	F.C.D.	F.C.	S.C.	Total Pass	% age
Civil	136	111	9	0	120	88.24
Mech.,	130	102	13	0	115	88.46
E & E	61	49	6	0	55	90.16
E & C	136	113	9	0	122	89.71
ETE	40	29	6	0	35	87.50
CS & E	138	110	19	0	129	93.48
I S & E	129	101	21	0	122	94.57
<b>Total</b>	<b>770</b>	<b>615</b>	<b>83</b>	<b>0</b>	<b>698</b>	<b>91</b>

**Statement showing the statistics of Results pertaining to  
VIII Sem UG in July/Aug. Exams**

Branch	Total Appeared	F.C.D.	F.C.	S.C.	Total Pass	% age
Civil	136	123	6	0	129	94.85
Mech.,	130	117	6	0	123	94.62
E & E	61	49	8	0	57	93.44
E & C	136	128	3	0	131	96.32
TC & E	40	33	6	0	39	97.50
CS & E	138	126	4	0	130	94.20
I S & E	129	117	12	0	129	100.00
<b>Total</b>	<b>770</b>	<b>693</b>	<b>45</b>	<b>0</b>	<b>738</b>	<b>96</b>

**Statement showing the statistics of Results pertaining to  
Statement showing the statistics of  
Results pertaining to PG. I to V Sem Jan'2023 Exam**

P.G. Course	Semester	Total Appeared	F.C.D.	F.C.	S.C.	Total Pass	% age
<b>MBA</b>	I Sem	120	95	17	0	112	<b>93</b>
	III Sem	120	98	15	0	113	<b>94</b>
<b>MCA</b>	I Sem	90	80	8	0	88	<b>98</b>
	III Sem	60	50	8	0	58	<b>97</b>
<b>M.Tech., (CS&amp;E)</b>	I Sem	2	2	0	0	2	<b>100</b>
	III Sem	4	4	0	0	4	<b>100</b>
<b>M.Tech., (CTM)</b>	I Sem	2	2	0	0	2	<b>100</b>
	III Sem	8	8	0	0	8	<b>100</b>

**Statement showing the statistics of Results pertaining to PG. II to VI Sem Aug'2022 Exam**

P.G. Course	Semester	Total Appeared	F.C.D.	F.C.	S.C.	Total Pass	% age
<b>MBA</b>	II Sem	118	13	82	12	107	91
	IV Sem	120	116	4	0	120	100
<b>MCA</b>	II Sem	88	72	13	0	85	97
	IV Sem	60	59	0	0	59	98
<b>M.Tech (CS&amp;E)</b>	II Sem	2	2	0	0	2	100
	IV Sem	4	4	0	0	4	100
<b>M.Tech (CTM)</b>	II Sem	2	2	0	0	2	100
	IV Sem	8	8	0	0	8	100

❖ **EDUCATION**

❖ **Steps taken for quality improvement in Education:**

- 1) In order to encourage academic excellence, scholarships at college level are offered to students by NES Management.
  - 2) Mentor Scheme: For every 20 students a teacher will oversee the academic performance and send reports to parents regarding test / exam / attendance performance.
  - 3) Additional books are provided to the class toppers at the library on recommendation from respective Department HOD.
  - 4) Book bank scheme is successfully implemented in Library.
  - 5) Academically weak students are identified and special tutorial classes are conducted.  
JNNCE has been identified as Remote centre of IIT, Bombay / IIT Khargpur for a conduction of Faculty Development Programme for Engineering College / Polytechnic Faculty
  - 6) JNNCE has been identified as a Nodal centre for the project E-Yantra – A Robot based Project initiated by IIT, Bombay.
  - 7) DST-SERB NewGen IEDC provides financial assistance for the innovative projects carried out by students upto 2.5 Lakhs
  - 8) JNNCE Entrepreneurship Development Cell has been established to motivate students for self employment and Entrepreneurship Development.
- **Remedial Classes:** In order to help out the detained first year and second year students to clear the failed subjects, remedial classes were arranged.
  - **Calendar of Events of Even Semester** was finalized by Academic Monitoring Committee and circulated to all departments.

## ❖ Short term Training programmes, Seminars & Workshops conducted during 2021-22

### Faculty Development Programmes:

- 3 days workshop on “Orientation program for the staff of MCA department for carrying out NBA process for MCA department” was organized by Department of MCA on 06/01/2023 to 08/01/2023.
- AICTE – ATAL Sponsored Two weeks FDP was organized by the department of Electronics and Telecommunication Engineering on “Computational Intelligence Enabled Sensors and Networks for 5G/6G Wireless Communication” from 14.11.2022 to 25.11.2022.
- One week FDP on “Hydro-Geological Engineering” was organized by Department of Civil Engineering during 22.8.2022 to 26.8.2022.

## ❖ LEARNING & DEVELOPMENT

### ❖ Student Enrichment Programmes:

ALPHA Club of JNNCE organized Aditya 2K22 program and conducted competitions on - 1. Kerbal Space Program (KSP) Gaming 2. Socratic Debate 3. Engineering Way Out on 18.11.2022 & 19.11.2022

### Department of Civil Engineering

1. Technical Visit to Water Treatment Plant was conducted on 10.07.2023
2. One day Workshop “Design of Highways by using Civil 3D Software” on 17.04.2023
3. The technical visit to ongoing construction work at airport in Sogane, Shivamogga was organized on 28th October 2022

### Department of Mechanical Engineering

1. “Creativio” - Parallel workshops were held for JNNCE students by members of Alpha Club on 10.03.2023
2. Students of 8th semester Mechanical Engineering visited “VARAHI HYDEL PLANT “in the month of March, 2023
3. One day industry visit to GTTC, Dandeli is arranged for first year J section students on 20th March 2023

### Department of Electrical & Electronics Engineering

1. Organized “Awareness about Competitive Exams and MOOC Courses” for students of 2nd year on 27.7.2023.
2. KREDL sponsored One Day Workshop On “Energy Conservation & Bureau of Energy Efficiency” was organized on 22.7.2023.
3. Industrial visit to Kaiga Nuclear Power Plant was organized on 20.05.2023
4. Organized industrial visit to Kadra Power House on 19.05.2023
5. Five days workshop on “Building Wiring and electrical controls” was conducted from 13.03.2023 to 17.03.2023
6. One day industrial visit was arranged for 3rd sem students to “SGR transformer Industry” by on 14.02.2023.
7. One day industrial visit was arranged to “Shimul plant” on 14.02.2023.



8. SDP on "Introduction to Python Programming" was organized on 19.01.2023.
9. Industrial visit to Main Receiving Station, Shivamogga: A Study of Switchgears, GOS, Transformers, Earthing Etc., was organized on 17.01.2023.
10. One day Hands on Student Development Program on "Introduction to MATLAB and SIMULINK" was organized on 16.01.2023.
11. SDP on "Bio Fuel Technologies and Renewable Energy Sources" was conducted on 13.01.2023 by EEE department.
12. Organized SDP on "Organic Farming, Waste management and water conservation" on 11.01.2023
13. "Roof Top Solar Photo Voltaic Power Generation" one day SDP was organized on 09.01.2023
14. Industrial visit to Linganamaki & Gerusoppa Hydro Power Plant was held on 24.12.2022
15. "Scope and Present Scenario of Entrepreneurship in India" was presented by Mr. Nikhil Bhaskar on 23.12.2022
16. Industrial visit to 66/33/11kV substation, MUSS Alkola Shivamogga was organized on 22.10.2023

#### **Department of Electronics & Communication Engineering**

1. Organized one day Workshop on "Basic Electronics" for 2nd Semester ECE Students on 22.7.2023.
2. Organized Skill Development Program – Technical Tips for Core Company Placements by Sripada Adiga, Design Engineer -1, Cadence Systems, Bangalore on 11.7.2023 & 12.7.2023 for 4<sup>th</sup> sem ECE students
3. Organized Skill Development Program – Technical Tips for Core Company Placements by Sripada Adiga, Design Engineer -1, Cadence Systems, Bangalore on 10.7.2023 for 6<sup>th</sup> sem ECE students
4. Hands-on Session based on Advanced Microcontrollers was organized for the students of 3rd year ECE on 24.06.2023.
5. Hands-on Session based on Advanced Microcontrollers was organized for the students of 2nd year ECE on 16.06.2023.
6. Conducted an SDP entitled "Effective document writing using Latex (With Hands-on training)" on 27.02.2023.
7. Mysterio 3.0 – A one day event was conducted on 14.12.2022 where students were provided a platform to showcase one's talent and compete in following events: Line Follower, Dr circuit, Engineering a way out, Hiring Challenges, Virtual Engineering
8. Industrial visit to NPCIL, Nuclear Power Generating Station, Kaiga - Uttar Kannada District was organized on 22-10-2022

#### **Department of Computer Science & Engineering**

1. Hands on demonstration of iCoder Lab Platform was organized on 31.05.2023
2. The React Play team from Bangalore delivered an invited talk on "How to Get Industry Ready" on 08.04.2023
3. Quiz on "Objective Response on Data Structures and Algorithms using C Program" was organized on 10.03.2023
4. "Explore the world of Java- a learning experience" a one day student development program for 3rd semester students was organized on 06.03.2023.
5. Department of CSE in association with IEEE Mangaluru Sub Section and IEEE Bengaluru Section organized SDP "Anveshana 22-23" from 23.11.2022 to 24.11.2022.

### **Department of Information Science & Engineering**

1. Advanced Knowledge based learning was conducted on 25.04.2023
2. Web Development and C Aptitude And Know your Computer was Organized on behalf of Innovation HUB, in association with Alpha Club and SPICE-AICTE JNNCE Wing SE on 18.10.2022 to 21.10.2022 & 14.10.2022 & 15.10.2022
3. Department of ISE in association with ALHPA CLUB and SPICES-AICTE organized SDP on "Building IOT-Applications" from 11.10.2022 to 13.10.2022.

### **Department of Artificial Intelligence & Machine Learning**

1. "POSTER MAKING COMPETITION" was conducted on 06.03.2023
2. "Let us C - An opportunity for I year students to exhibit their C programming skills through quiz was organized on 02.03.2023
3. A technical quiz and debate was conducted on many topics of current trends was conducted on 08.02.2023 & 09.02.2023

### **Department of Management Studies**

1. Training program was organized on "Life skills and First Aid" on 16.02.2023.
2. Conducted one day workshop on "Employability Skills required for MBA graduates" on 16.02.2023.
3. Conducted one day workshop on "Theatre and Management" on 16.02.2023.
4. Training Session has been conducted on "Management and Entrepreneurial skill for Management Graduates" on 15.02.2023 & 16.02.2023.
5. Training session has been conducted on "Communication skills for Managers" on 14.02.2023.
6. 2 days Students Development Workshop on "Grow with NLP" was organized from 17.01.2023 to 18.01.2023
7. The Departments of Management Studies, Computer Application. & M.Tech organized a workshop for PG students on "Impact and Implementation of NEP 2020 in higher education from 14/12/2022 to 15/12/2022.

### **Department of Master of Computer Applications**

1. Training for students on Latex for Thesis writing was organized on 27.01.2023 & 28.01.2023
2. One day workshop was organized for 3rd semester MCA students on React JS and Type script on 23.12.2022.
3. Organized "PGCET WORKSHOP 2022" on 08.11.2022 to 10.11.2022.

### **Department of Mathematics**

1. Two days SDP for 1st year students on "Modular Arithmetic" by Dr. Sushan , professor in REVA university was organized on 28.02.2023 and 01.03.2023.
2. "Applications of Mathematics" a one day SDP was conducted on 10.08.2022

### **Department of Chemistry**

1. The applied sciences department organized the student development program for 1st year B. E. students on National Science day by Dr B. K. Kumaraswamy, Prof. Department of chemistry, kuvempu university on 28.02.2023
2. SDP on "Instrumental method of analysis" was organized on 03.09.2022.

❖ Invited /Expert talk

Sl.No.	Topic	Speaker	Dept.	Date
1.	World Environmental Day 2023 Celebration	Dr. L. K. Sreepathi, Former Professor and Vice Principal JNNCE Shivamogga	CIVIL	05/06/2023
2.	Cements & Allied Products	Mr.Hitesh Prasad	CIVIL	10/03/2023
3.	Pipes and Plumbing	Yogesh Mandhane, Rajshekar Birade	CIVIL	20/02/2023
4.	Behaviour of Soil and Contaminated Soil	Dr. P V Sivapullaiah	CIVIL	10/01/2023
5.	Partial course Delivery by Industry Expert 2022-23	Mr. Adarsh S R	CIVIL	11/12/2022
6.	Importance of Deep Foundations for Civil Engineering Structures	Dr. Manjunatha K	CIVIL	20/10/2022
7.	Career Opportunities	Mr. Mahaveer Jain	MECH	30/05/2023
8.	STUDENTS JOURNEY FROM COLLEGE TO INDUSTRY	Sri. Damodar Baliga and Sri. Ankit Divekar	MECH	14/03/2023
9.	Mechanical Engineering Association Activities 2022-23 – Inauguration	Dr. C V Srinivasa Rao & Mrs. Modini Srinivas	MECH	22/12/2022
10.	Career Opportunities for Mechanical Engineers	Mr. Sarja Satyodaya	MECH	17/11/2022
11.	Job Opportunities in Power Sector	Mr. Chaithanya G N and Mr. Suresh K	EEE	31.05.2023
12.	Energy and Environment	Dr. K T Hanumanthappa	EEE	16.12.2022
13.	"My Professional Journey" and "PARAM UTKARSH Supercomputing facility (Presentation & Demo)		ECE	13.3.2023
14.	Introduction to Quantum Computing and its Applications	Dr. Pushpa Mala, Associate Professor, DSCE, Bangalore	ECE	13.3.2023
15.	Art of writing pervasive project proposals – Best Practices	Ms. Divya M G Joint Director, CDAC, Bangalore	ECE	13.3.2023
16.	Linear Algebra and it's Applications on Signal Processing	Dr. B. R. Shankar, Professor, NITK Surathkal.	ECE	03/02/2023
17.	Importance of VLSI and industry applications-Module 5: Testing and Verification	Sagar R P	ECE	10/12/2022

18.	2 Days Student Entrepreneurship Bootcamp	Mr. Vishnu Nagaraj	ECE	20/10/2022
19.	One day Awareness Program on MSME ZED certification, MSME Innovative and Cluster Development Program for the growth of MSMEs and Startup	Sri. Ganesh, Joint Director District Industries Centre, Shivamogga	ECE	11/10/2022
20.	Selecting projects and career	Mr. Sandeep Senan.	CSE	25/04/2023
21.	Introduction to VHDL	Dr. Sheela S	CSE	09/03/2023
22.	Introduction to cyber security	Mr. Ajay Ganapule	CSE	06/02/2023
23.	Inauguration of COSMOS-22	Ritesh Bhat	CSE	15/12/2022
24.	Personality Development	Ritesh Bhat	CSE	15/12/2022
25.	Expert Talk on Cyber Security	Dr. Shrinivasa Naik C L	CSE	20/10/2022
26.	Artificial Intelligence : Relevance and Recent Trends	Mr. Srivatsa G Dixit, Mr. Prasanna Mavinakuli	ISE	21/07/2023
27.	Infosys Spring Board	Ms Pruthvi Adishesha	ISE	18/05/2023
28.	Ingruration Of INSIGHT	Mr. Jeevan C S	ISE	27/12/2022
29.	Carrer Path for Freshers in IT Sector	Mr. Rajavelu Vijaykumar	ISE	19/11/2022
30.	C and C++ Programming	Prathima L	ISE	11/10/2022
31.	Practical communication techniques and placement opportunities	Shri Binay Kumar Sinha	ETE	31/05/2023
32.	Basic Programming in Python	Dr. Chetan K R	ETE	07/03/2023
33.	Waste management implementation in the campus	Dr. H. B. suresh	ETE	16/02/2023
34.	Student Development Program – Invited/ Expert Talk on Road map to Civil Service Examination for 2nd Year ETE Students	Mr. Akshaykumar M K	ETE	24/01/2023
35.	To study and implementation organic farming, water conservation and wet waste management.	Dr.Santhosh U N and Dr. Divya M	ETE	10/01/2023
36.	To study and implementation organic farming, water conservation and wet waste management.	Dr.Santhosh U N and Dr. Divya M	ETE	10/01/2023
37.	Career Guidance and Placement Opportunities	Mr. Srivathsa M A	ETE	27/12/2022
38.	Blood donation awareness and blood grouping	1. Dr. Ashwini S R. 2. Sri Dharanindra Dinakar	ETE	10/12/2022
39.	Internship and Placement opportunities for ETE/ECE/EEE students in VLSI and associated industries	Mrs. Tejaswani Mahalingam	ETE	20/09/2022
40.	VOICE OF CUSTOMERS- ENTREPRENURSHIP JOURNEY	Mr. KOUSHIK UDUPA	AIML	03/03/2023
41.	Industry expectations from AI and ML	Mr. Sandeep Sudheendra	AIML	21/01/2023

	engineering students			
42.	Transformation from an Engineering graduate to an ML developer in Industry	Mr. Anirudh Ravikumar	AIML	21/01/2023
43.	AI NEWS - Seminar on Weed management, Home Assistant and Birth control management	Sathwik P, Srujan Y S, Syeda Hurrain	AIML	23/12/2022
44.	Future Ready Starts Now	Mr. Deepak Venkatesh	AIML	20/12/2022
45.	Future Ready Starts Now	Mr. Deepak Venkatesh	AIML	20/12/2022
46.	Impact of AI and ML on health care	Dr. Deepthi K Prasad	AIML	17/12/2022
47.	AI NEWS - Seminar on AI Enabled Agricultural Drones	J Kruthi	AIML	02/12/2022
48.	AI NEWS - Seminar on Self Driving Cars and EMO	Pratham Gujjar, Nithin Kumar S N	AIML	18/11/2022
49.	Stress Management Techniques	Mrs. Namitha M V	AIML	28/10/2022
50.	Opportunities in entertainment & Service Industry	Mr. Nicholas Gerard G, Manager, Business Development, Karnataka, Wonderla	MBA	21/04/2023
51.	"CAMPUS TO CORPORATE"	Ajay Pattedi	MBA	29/03/2023
52.	Financial Literacy	Mr. Sridhar Kubasad	MBA	24/02/2023
53.	How to read and make use of News papers	Mr. Ramachandra Gunari	MBA	16/02/2023
54.	Positive Mind and Mind Power	Dr. K.S Pavithra	MBA	15/02/2023
55.	Goal Setting and Staying Focused	Dr. Archana Bhat	MBA	14/02/2023
56.	Values and Ethics in Life	Vidwan G.S Natesh	MBA	13/02/2023
57.	One day Training & Orientation Programme	Sri.Ravi D. Channannavar IPS, Managing Director of KEONICSX	MBA	03/02/2023
58.	Stock Market Hands-on Training	Dr. Mahesk K	MBA	24/01/2023
59.	Field Visit to Agricultural college	Dr Nagaraj, Associate Professor, and Head, Arecanut Research Center	MCA	03/05/2023
60.	A basic understanding of the different components of an OS	Mr. Santhosh SG	MCA	14/04/2023
61.	Artificial Intelligence and Block Chain Technology	Dr Sathish Babu	MCA	30/01/2023
62.	A talk on Socket Programming	Dr Ashwini J P	MCA	24/08/2022
63.	Cyber Threat Intelligence	Dr. Mohammed Rafi	MCA	20/08/2022

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## 8. INFRASTRUCTURE DEVELOPMENT

- The total expenditure during the year 2022-23 incurred towards construction of building, purchase of new equipments, furniture, fixtures and maintenance etc. is Rs.758.9985 Lakhs as detailed below:

Item of expenditure	Amount (INR in Lakhs)
Building	42.801
Computer / Peripherals	26.072
Furniture	18.718
Lab Equipments	16.267
UPS & Batteries	8.331
CCTV/others	15.384
Procurement of Bus	237.0845
Maintenance	394.341
<b>Total</b>	<b>758.9985</b>

- **IT Infrastructure:**
  - 18 computers are added and as on this year the institution has 1042 computers
  - Campus wide networking facility available with broad band internet facility.
  - The total amount spent for IT infrastructure and other peripherals is Rs.26.07 Lakhs
- Some of the Labs are shifted to Library Building. As a result of this, **additional class rooms** were made available in SJB & STEP Block.
- **Library Details for the year 2022-23**

Sl No	Branch	No. of Titles	No. of Copies	Amount
1	AIML	6	280	2,06,255.00
2	Civil Engineering	5	59	28,725.00
3	Computer Science Engineering	13	400	4,04,658.00
4	Electrical & Electronics Engineering	8	62	50,250.00
5	Electronic & Communication Engineering	4	22	11,950.00
6	English Language	1	2	390.00
7	General	43	163	11,225.00
8	Human Resource Management	1	30	5,850.00
9	Information Science Engineering	5	74	64,295.00
10	Kannada	1	250	12,500.00
11	Master of Computer Applications	2	20	12,000.00
12	Mechanical Engineering	3	9	6,090.00
13	Physics	11	50	44,715.00
	<b>Total</b>	<b>103</b>	<b>1421</b>	<b>8,58,903.00</b>

### Journals & Periodicals

Sl no	Journals	No. Of Journals	Amount
1	National Journals	23	46,000.00

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## 9. RESEARCH, INNOVATION, CONSULTANCY & ENTREPRENEURSHIP

- **National and International Conferences**

2022 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (2022 IEEE DISCOVER) – Flagship event of IEEE Mangalore Subsection was hosted during 14-15, October 2022. Dr. S D Sudarsan, Executive Director, CDAC Bangalore was the Chief Guest.

- **JNNCE Journal of Engineering & Management: JJEM –**

- 13<sup>th</sup> issue (Jan – June 2023) – comprises of 7 research papers including papers from outside state and country
- 12<sup>th</sup> issue (July-Dec. 2022) - comprises of 8 research papers including papers from outside state and country

- **Center for Innovation & Entrepreneurship, JNNCE:**

JNNCE NewGen IEDC in the campus has sanctioned Rs. 30,00,000/- amount 12 projects.

- **Consultancy Details**

Department	Revenue (in Rs. Lakhs) generated
	2022-23
Civil Engg.	31,84,190.00
Mechanical Engg.	3,27,442.00
Electrical & Electronics Engg.	7000.00
Electronics & communication Engineering	55,474.00
Chemistry	9780.00

▪ **Research Centre Details**

Sl. No.	Programme	Year	No. of Guides	No. of Scholars Pursuing PhD/MSc	No. of Scholars Completed Phd/MSc
1	Civil Engineering	2002	03	11	18/01
2	Mechanical Engineering	2000	11	10	11/01
3	Electrical and Electronics Engg.,	2002	03	03/01	06
4	Electronics and Communication Engineering	2006	05	15	10/01
5	Computer Science and Engg.,	2003	06	29	16/02
6	MBA	2006	07	19	12
7	Chemistry	2012	02	01	05
8	Physics	2016	02	02	04
9	Mathematics	2017	03	02	01
	<b>Total</b>	-	42	102/01	83/05

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## 10 . FUNDING, GRANTS & SPONSORSHIP

### ❖ PROJECT FUNDING

Sl.NO	Project Title	Department	Investigators	Agency	Amount
1	COST EFFECTIVE ESTIMATION OF HYDROPHOBIC SAND AT THE FIELD SCALE	CIVIL ENGINEERING	CHAYA D.Y CHETHAN S G VERNEKAR	KSCST	5,000.00
2	HAND GESTURE RECOGNITION AND TEXT VOICE CONVERSION FOR DEAF AND DUMB	COMPUTER SCIENCE AND ENGINEERING	MR. NARENDRA KUMAR S	KSCST	4,000.00
3	EV CHARGING SYSTEM THROUGH MINI VERTICAL WIND MILLS FOR SMART CITY	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYASHANKAR M	KSCST	7,000.00
4	IOT BASED INTELLIGENT OUTDOOR AQUAPONICS WITH AUTOMATED GROW LIGHTS	ELECTRICAL AND ELECTRONICS ENGINEERING	MRS.SUPRITHA M R	KSCST	6,000.00
5	SMART FARMING USING MULTI-FUNCTIONAL AGRIBOT	ELECTRONICS AND COMMUNICATION ENGINEERING	PREMA K N	KSCST	6,500.00
6	ACTIVE BATTERY MANAGEMENT SYSTEM	ELECTRONICS AND COMMUNICATION ENGINEERING	SUNIL M D	KSCST	7,000.00
7	WOMEN SAFETY NIGHT PATROLLING ROBOT	ELECTRONICS AND COMMUNICATION ENGINEERING	NALINA S B NALINA S B	KSCST	6,000.00
8	AUTONOMOUS LITTER DETECTION AND COLLECTION ROBOT	ELECTRONICS AND COMMUNICATION ENGINEERING	SHWETHA B	KSCST	7,000.00
9	GOUSHALA - A LIVESTOCK MANAGEMENT USING AWS IOT	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	BENAK PATEL M P	KSCST	5,000.00
10	SWASTHA NARI - AUTOMATIC SANITARY NAPKIN VENDING MACHINE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Prof. ANAND RAJ S N	KSCST	5,000.00

11	PNEUMONIA DETECTION IN COVID AFFECTED PATIENTS	INFORMATION SCIENCE AND ENGINEERING	MR.SAYED AFTAB AHAMED MR.GIRISH MANTHA	KSCST	4,000.00
12	MUSIC RECOMMENDER FOR COVID-19 PATIENTS USING FACIAL EMOTION	INFORMATION SCIENCE AND ENGINEERING	DR. JYOTHI K	KSCST	4,000.00
13	Fabrication of Areca Plate Making Machine using Swing Mechanism	Mechanical Engineering	Dr. Ravi Kumar B N	NewGen IEDC	2,50,000.00
14	Multifunctional AI Based Robot	Mechanical Engineering	Dr. Amith Kumar .S.J	NewGen IEDC	2,50,000.00
	FPO Management App	E & C Dept	Ms. Prema K N	NewGen IEDC	2,50,000.00
15	Pre-Tempering Areca Sheath in Controlled Environment	Mechanical Engineering	Dr. Ravi Kumar B N	NewGen IEDC	2,50,000.00
16	AGrowW – An intelligent Precision Farming toolkit for farmers	AIML Dept	Dr. Chetan K R	NewGen IEDC	2,50,000.00
17	Automated Smart farming using Solar Panel	ISE Dept	Dr. Samara Mubeen	NewGen IEDC	2,50,000.00
18	AIEmosense -Depression Detection and Face Recognition Using Emotional Artificial Intelligence and Machine Learning	AIML Dept	Dr. Chetan K R	NewGen IEDC	2,50,000.00
19	IoT based Farm Level, Farm Specific, Micro-Weather Station for Small farmers	ECE Dept	Dr. Sheela S	NewGen IEDC	2,50,000.00
20	Swasthya – A cognitive AI application for querying and analyzing Electronic Health Record to provide effective patient engagement.	AIML Dept	Dr. Chetan K R	NewGen IEDC	2,50,000.00
21	Cato Smart Locks Enabled by AIoT	AIML Dept	Dr. Chetan K R	NewGen IEDC	2,50,000.00
22	Farm Bot App	CSE Dept	Mr. Chakrapani	NewGen IEDC	2,50,000.00

23	Design Optimization of Areca Nut Dehusking Machine for Improved Efficiency and High Production Rate	Mechanical Engineering	Dr. Amith Kumar .S.J	NewGen IEDC	2,50,000.00
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### Sponsorship

Sl.No	Name of the event	Agency	Amount
1	2022 IEEE DISCOVER – International Conference	AICTE, New Delhi	210231.00
2.		CSIR, New Delhi	50,000.00
3.		DRDO, New Delhi	50,000.00
4.		SERB, New Delhi	1,00,000.00
5.		IEEE Mangalore Subsection	2,20,000.00

## 11. INDUSTRY COLLABORATION

### ❖ MoUs:

1. Ekathva Innovations, Shivamogga
2. Tequed Labs, Bangalore.
3. National Highways Authority of India (NHAI)
4. Technology Informatics Design Endeavour(TIDE), Bangalore

These MoUs would offers internships, technical assistance for projects and eventually employment to our students.

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## 12. PLACEMENT

### Placement Details: 2023 Batch

No. of Companies	102
No. of Job Offers	776
Highest Package	24.0
Average Package	3.5LPA
No. of Offers	150+

OSL No	Companies Name	TOTAL SELECTED	MBA	MCA	CSE	ISE	ECE	ETE	EEE	ME	CE	Salary in Rs
1	TCS DIGITAL	8			5	2	1					7,00,000
2	TCS NINJA	110		5	30	25	28	7	9	7	3	3,34,000
3	Graphene Health Tech Pvt Ltd	4			3		1					7,00,000
4	First American India	4			2	1		1				7,50,000
5	Tricon Infotech Pvt Ltd	6			4	1	1					5,00,000
6	Tietoevry India	16			6	7	3					4,75,000
7	Texas Instruments India(Intern)	1					1					24,00,000
8	Mindteck	6			3	3						4,43,000
9	Vodafone Intelligent Solutions	30			9	6	8	6	1			5,00,000
10	SECPD	1			1							6,00,000
11	ALOHA TECHNOLOGY	0										3,50,000
12	IDEA INFINITY	2			1		1					3,50,000
13	CADENCE DESIGN	1					1					14,00,000
14	DELTAX	0										7,00,000
15	ITORIZON	0										4,50,000
16	CRIMSON LOGIC	2				2						5,00,000
17	SMART SOC SOLUTIONS	1					1					6,00,000
18	TATA ELXSI	8			2	2	2		2			3,50,000
19	QUEST GLOBAL	5				1	4					3,50,000
20	QUALITEST	13			6	2	4	1				4,00,000
21	ROBOSOFT	1			1							4,50,000
22	ETON SOLUTION	12			5	4	2		1			5,00,000
23	DELTAX	0										4,00,000
24	BYTERIDGE	0										4,00,000
25	SKOLAR	85			21	13	16	6	11	12	6	
26	Stratogent Technology Services	2				2						3,20,000
27	Capace Software Pvt Ltd	4			1	3						5,00,000

28	KI Mobility Solutions	14							2	12		2,20,000
29	Face Prep	4			1		1	1			1	3,13,000
30	TEACHNOOK	107		17	19	19	18	6	8	11	9	4,00,000
31	KODNEST	7		1		1	3	1		1		CSR
32	ExcelR Solutions	15		1	3	8	3					CSR
33	Ethnus JOSH Mithra	35			3	8	10	1		7	6	CSR
34	TCS DIGITAL	2					1	1				7,00,000
35	Pragati Automation	6					4	1	1			5,00,000
36	Prerana Engineering	1								1		3,30,000
37	QSpiders	16			5	5	3	1	1	1		CSR
38	Tap Academy	8		2	2	1			2		1	CSR
39	ASMAITHA TECHNOLOGY	1					1					3,50,000
40	TATA ELXSI	5								5		3,50,000
41	VUNET	5			3	2						4,25,000
42	CADMAXX	5			1		1	1		2		CSR
43	Infinite Computer Solutions	11			2	5	2		2			3,50,000
44	Pentagon Space Pvt Ltd	2								2		CSR
45	XWorkz	38		7	4	4	2	5		15	1	CSR
46	SONATA SOFTWARE	5			2	1	1		1			4,00,000
47	Accord Soft	3					2		1			4,20,000
48	Accord Soft(System)	1					1					4,20,000
49	BIBOX	4					2			2		3,00,000
50	Schwing Stetter (India)	2									2	4,00,000
51	Intellipaath Software Solutions	2			2							7,25,000
52	Techlang	9			8				1			7,00,000
53	Robotspace	1				1						3,50,000
54	MYCAPTAIN	1	1									5,00,600
55	HFFC	8	8									4,50,000
56	HDFC Sales	48	48									2,74,000
57	Freshers Profile	2	2									5,00,000
58	Able	1	1									4,00,000
59	Rinex	8	8									5,20,000
60	Immensphere	14	14									3,60,000
61	Seventh Sense	11	11									5,00,000
62	Teachnook	52	52									9,00,000
Total		<b>776</b>	<b>145</b>	<b>33</b>	<b>155</b>	<b>129</b>	<b>129</b>	<b>39</b>	<b>43</b>	<b>78</b>	<b>29</b>	

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## 13. SPORTS, CULTURAL ACTIVITIES & CAMPUS LIVING

### Programs organized at the Institution level

1. Graduands Day for Outgoing Batch – 2023 was organized on 09-06-2023.
2. I2CONECCT 2023 Project Exhibition cum Competition was organized by IEEE Mangalore Subsection hosted by IEEE Student Branch JNNCE, Shivamogga in association with Dept. of CS&E., JNNCE Shivamogga on 29.05.2023. Dr D N sujatha, prof, vice chair, IEEE ComSoc, Bangalore section was Chief Guest
3. JNNCE Global Alumni Meet 2023 – Nenapina Angala was organized on 27.5.2023.
4. International World Telecommunication and Information Society day was celebrated on 25.05.2023.
5. International women's day celebrated on 16.03.2023. Dr. Namratha Udupa was the Chief Guest.
6. JNNCE-Tech Anveshan -2022: Innovative Project Exhibition was organized on 27.10.2022 & 28.10.2022.
7. 2022 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (2022 IEEE DISCOVER) – Flagship event of IEEE Mangalore Subsection was hosted during 14-15, October 2022. Dr. S D Sudarsan, Executive Director, CDAC Bangalore was the Chief Guest.
8. Mysterio 3.0 – A one day event was conducted on 14.12.2022 where students were provided a platform to showcase one's talent and compete in following events: Line Follower, Dr circuit, Engineering a way out, Hiring Challenges, Virtual Engineering

### ❖ SPORTS

#### Achievements in sports: 2022-23

#### A. Institution has hosted the following University level sports events

SI No	Name of the tournament / Events	Held on /From
1.	“Patriotic RUN” on the event of Republic Day on 26th Jan 2022	22 <sup>nd</sup> January 2022
2.	“Hutatma Din”	31 <sup>st</sup> January 2022
3.	Gandhi Jayanthi & Lal Bhadur Shastri Jayanthi	2 <sup>nd</sup> October 2022
4.	VTU Central Karnataka zone Hockey Men tournament	10 <sup>th</sup> November 2022
5.	VTU Central Karnataka zone Football Men tournament	5 <sup>th</sup> & 6 <sup>th</sup> December 2022
6.	VTU Central Karnataka zone Handball Men tournament	10 <sup>th</sup> & 11 <sup>th</sup> March 2023
7.	BCCI Under – 15 Years women – One day tournament	26 <sup>th</sup> December 2022 to 1 <sup>st</sup> January 2023
8.	NES Amrutha Kridostava	4 <sup>th</sup> to 9 <sup>th</sup> April 2023.
9.	Annual day sports events	2022-2023

### C. Team Achievements

SI No	Month & Year	Event / Games	Held at	Place secured	Number of players
1.	November 2022	VTU Central Karnataka zone Table tennis Men tournament	SIT, Thumkur	Third place	06
2.	November 2022	VTU Central Karnataka zone Badminton Men tournament	MCE, Hassan	Winners	06
3.	November 2022	VTU Central Karnataka zone Badminton Women tournament	MCE, Hassan	Third place	04
4.	November 2022	VTU Central Karnataka zone Hockey Men tournament	JNNCE, Shivamogga	Winners	15
5.	December 2022	VTU Central Karnataka zone Football Men tournament	JNNCE, Shivamogga	Winners	20
6.	March 2023	VTU Central Karnataka zone Cricket Men tournament	PESIT& M, Shivamogga	Third place	15
7.	March 2023	VTU Central Karnataka zone Handball Men tournament	JNNCE, Shivamogga	Third place	14
8.	March 2023	VTU Central Karnataka zone Throw ball Women tournament	GMIT, Davanagere	Winners	14

### D. Individual achievements

SI No	Name of the student	Event / Games	Held at	Place secured
1.	Gufran Sheik 5 <sup>th</sup> sem MECH	9 <sup>th</sup> Karnataka State Kudo Championship	Shivamogga	1 Gold
2.	Manikya R G 5 <sup>th</sup> sem CSE	9 <sup>th</sup> Karnataka State Kudo Championship	Shivamogga	1 Gold
3.	Gufran Sheik 5 <sup>th</sup> sem MECH	13 <sup>th</sup> Kudo National Tournament	UKA Tarsadia University, Bardoli, Near Surat, Gujarath	1 Silver
4.	Manikya R G 5 <sup>th</sup> sem CSE	13 <sup>th</sup> Kudo National Tournament	UKA Tarsadia University, Bardoli, Near Surat, Gujarath	1 Bronze
5.	Indhushree L S 5 <sup>th</sup> ECE	VTU State level Taekwondo tournament	SIT, Thumkur	1 Silver
6.	Harshith K L 3 <sup>rd</sup> sem IS	VTU State level Wrestling tournament	VVCE, Mysore	1 Bronze
7.	Mukambika N 7 <sup>th</sup> CV	VTU State level Power lifting tournament	VVCE, Mysore	1 Bronze

## E. Inter University achievements

SI No	Name of the student	Event / Games	Held at
1	Divish Raj O 7th sem CS	South zone Inter university Badminton Men tournament 2022-23	Jain University, Bangaluru 2022-23

## E. Coaching camp conducted

SI No	Event /Game		Number of players
1.	Volleyball Men coaching camp	01.11.2022 to 26.11.2022 (Three weeks)	15
2.	Volleyball Women coaching camp	01.11.2022 to 26.11.2022 (Three weeks)	12
3.	Hockey Men coaching camp	17.10.2022 to 15.11.2022 (Two weeks)	16
4.	Kabaddi Men coaching camp	17.10.2022 to 10.11.2022 (Three weeks)	16
5.	Football Men coaching camp	15.11.22 to 06.12.2022 (Three weeks)	24
6.	Handball Men coaching camp	20.02.2023 to 17.03.2022 (Three weeks)	14
7.	Handball Women coaching camp	20.02.2023 to 17.03.2022 (Three weeks)	14

## F. Event Participated

SI No	Month & Year	Event /Game	Held at	Number of players
1.	November 2022	VTU Central Karnataka zone Table tennis Men tournament	SIT, Thumkur	06
2.	November 2022	VTU Central Karnataka zone Table tennis Women tournament	SIT, Thumkur	06
3.	November 2022	VTU Central Karnataka zone Badminton Men tournament	MCE, Hassan	06
5.	November 2022	VTU State level Badminton Men tournament	BMSCE, Bangaluru	06
6.	November 2022	VTU Central Karnataka zone Badminton Women tournament	MCE, Hassan	04
7.	November 2022	VTU Central Karnataka zone Kabaddi Men tournament	CIT, Gubbi	12
8.	November 2022	VTU Central Karnataka zone Hockey Men tournament	JNNCE, Shivamogga	15
9.	November 2022	VTU Central Karnataka zone Volleyball Men tournament	AIT, Chikkamagaluru	12
10.	November 2022	VTU Central Karnataka zone Basketball Men tournament	AIT, Chikkamagaluru	12
11.	December 2022	VTU Central Karnataka zone Football Men tournament	JNNCE, Shivamogga	20
12.	December 2022	VTU State level Football Men tournament	GNDCE, Bidar	15
13.	December 2022	VTU State level Hockey Men tournament	BITM, Ballary	15



14.	December 2022	VTU Rest of Bengaluru zone Ball badminton tournament	RYMCE, Ballary	10
15.	December 2022	VTU State level Wrestling Men tournament	VVCE, Mysore	06
16.	December 2022	VTU State level Judo Men tournament	VVCE, Mysore	06
17.	December 2022	VTU State level Taekwondo Women tournament	SIT, Thumkur	03
18.	February 2023	VTU State level Power lifting Women competition	VVCE, Mysore	01
19.	February 2023	VTU State level Power lifting Men competition	VVCE, Mysore	01
20.	March 2023	VTU Central Karnataka zone Cricket Men tournament	PESIT&M, Shivamogga	15
21.	March 2023	VTU Central Karnataka zone Handball Men tournament	JNNCE, Shivamogga	14
22.	March 2023	VTU Central Karnataka zone Throw ball Women tournament	GMIT, Davanagere	14
23.	March 2023	VTU State level Throw ball Women tournament	Sai Vidya IT, Bangalore	14
24.	March 2023	VTU State level Handball Women tournament	RVCE, Bangalore	14

#### **Achievements in Cultural Competitions**

JNNCE Cultural Team - EKYAM of 34 Students represented 22<sup>nd</sup> VTU Fest Youthsava -2023 held at Nagarjuna College of Engineering & Technology, Chikkaballapura from 29<sup>th</sup> March 2023 to 1<sup>st</sup> April 2023

<b>Events</b>	<b>Medals Secured</b>
Folk Dance	Gold
Classical Dance Solo	Gold
Folk orchestra	Silver
Collage	Silver
Installation	Bronze
On spot painting	Bronze
Rangoli	Bronze
Clay modeling	Bronze
Non percussion	Bronze

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## 14. NES AND SOCIETY

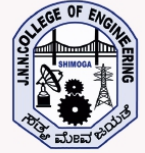
### Institution Social Responsibility – ISR Activities & Outreach Programs

1. Orientation Program on Higher End Courses of KenoicsX, an GoK Initiative was organized by department of MCA on 03.02.2023
2. Procession (Jatha) of 6Km from Freedom Park to NES Ground Shivamogga, Spreading awareness about Energy Conservation and Environment was organized on 17.06.2023 by JNNCE
3. Department of ECE had Organised a field visit on 10/01/2023 & 13/01/2023 to Zonal Agricultural and Horticulture Research station, Navile, Shimoga
4. Product Launch from Mechanical Engineering Department in Association with TIDE was organized on 29.05.2023.
5. BSR Activity by MBA Dept. – Visit to Nova Charitable Trust, Sominakoppa, Shimoga. Distributed Rice, fruits, Mattress, Pillow, Diapers worth Rs. 19,859
6. School Bell activity by JNNCE NSS Unit - Renovation of Government School at Chennamambapura.Shivamogga in association with Yuvaka Sanga and Rotary club Midtown Bengaluru was organized on 27/05/2022 and 28/05/2022
7. One day campaign “Water conservation 2023” was organized by NSS unit of JNNCE along with NSS unit Kuvempu university on 24.02.2023.
8. Mega Blood Donation Camp was conducted by by NSS unit of JNNCE in association with Youth Hostel Association of India, Tarunodaya Division, Shimoga on 30.03.2023.
9. “World Environment Day was observed by JNNCE, NSS unit on 05.06.2023. Awareness Session on Blood Cancer and Blood Stem Cell Transplantation was conducted by JNNCE, NSS unit in association with DKMS BMST Foundation India on 20.07.2023.
10. Bio-fuel Research, Information & Demonstration Centre (BRIDC) organized World Bio-fuel Day- 2022 on 17.09.2022 in association with Sandeepani English High School Shivamogga
11. Dr. H B Suresh, Coordinator, Bio-fuel Research, Information & Demonstration Centre (BRIDC) and his team delivered several lectures in the Bio- Fuel Awareness & Demonstration programs organized regularly in Shimoga District.
12. JNNCE – NSS Units regularly conducts inspection of RO plants installed in Shimoga District.

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NATIONAL EDUCATION SOCIETY (R)  
**JAWAHARLAL NEHRU NEW  
COLLEGE OF ENGINEERING**  
Shivamogga, Karnataka



ADMINISTRATIVE BLOCK



STUDENT AMENITIES CENTRE (SAC)



COLLEGE CANTEEN

LIBRARY & INFORMATION CENTRE



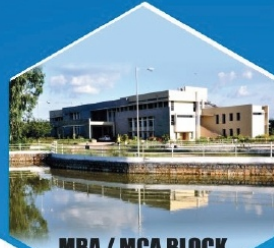
HOSTELS



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Shivamogga, Karnataka



**MBA / MCA BLOCK**



**COMPUTER  
SCIENCE BLOCK**



**TURF CRICKET  
GROUND**



**SPORTS PAVILION**



**AUDITORIUM**



**OLD BLOCK**



**COLLEGE BUS STAND**



**OUT DOOR  
AMPHITHEATER**



**SILVER  
JUBILEE BUILDING**



**STEP BLOCK**



**E & E BLOCK**

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