

# JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC --B', Recognized by Govt. of Kamataka and Affiliated to VTU, Belagavi)
UG Programme: CE, ME ,EEE, ECE, CSE ,ISE & ETE Accredited by NBA for the period 1.7.2022 to 30.6.2025
SHIVAMOGGA 577 204 (KARNATAKA) Phone: 08182 276707 /8 /9, 268800/1 Fax: 08182 222450

Email: principal@jnnce.ac.in Website: www.jnnce.ac.in



# National Education Society (R.) Jawaharlal Nehru New College of Engineering, Shivamogga



#### Vision

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

#### Mission

- Impart quality education through flexible and innovative teaching -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







# HAND BOOK 2023-24



## Jawaharlal Nehru New College of Engineering

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC -'B', UG Programmes: CE, ME, EEE, ECE, CSE, ISE, ETE - Accredited by NBA (01-07-2022 to 30-6-2025)

Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

#### Navule, Savalanga Road, SHIVAMOGGA - 577 204

Ph: 08182 - 268800/1 Fax: 08182-222450

Email: principal@jnnce.ac.in Website: www.jnnce.ac.in



#### Printed by:

Chitrakuta Printers 1st Parallel Road, Durgigudi SHIVAMOGGA - 577 201

Ph:9448449664





# PERSONAL INFORMATION

<i>Name</i> :	
Roll No. :	Section :
Hostel Block & Room No	
Year :	Branch :
Bank A/c No. :	
Passport No.:	Blood Group :
Permanent Address:	
•••••	
E-mail:	
Telephone/ Mobile No. :	
Driving Licence No.:	
Name of the Mentor:	





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# Oiamond Jubilee Year Celebratton

# National Education Society (R.), Shimoga ABOUT NES:

- National Education Society (NES) is a registered society under Karnataka State Societies Act 1960 committed to promote quality education to all eligible individuals at affordable cost.
- The society was established in the year 1946 responding to a call by the Father of the Nation, Mahatma Gandhi for private initiative in education.
- The selfless dedication of management members of NES to the noble cause of education has not only earned great reputation for NES in the field of education but also has made it cynosure in the entire Malnad region.
- The society is managing 35 educational institutions of various levels in the field of Engineering, Basic Science, Pharmacy, Commerce, Humanities, Education, Law, Business Administration, Physical Education, Computer Application, Applied Sciences etc.

#### MISSION:

 To impart quality education to all eligible sections of the society without any discrimination at affordable cost.



# ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ (ರಿ), ಶಿವಮೊಗ್ಗ

## 2022-27ನೇ ಸಾಅನ ಕಾರ್ಯಕಾರಿ ಸಮಿತಿ



ತ್ರೀ ಜಿ.ಎಸ್. ನಾರಾಯಣರಾವ್ ಆಧ್ಯಕ್ಷರು



ಶ್ರೀ ಸಿ.ಆರ್. ನಾಗರಾಜ ಉಪಾಧ್ಯಕ್ಷರು



ಶ್ರೀ ಎಸ್.ಎನ್. ನಾಗರಾಜ ಕಾರ್ಯವರ್ತಿಗಳು



ಡಾ.ಪಿ. ನಾರಾಯಣ ಸಹ ಕಾರ್ಯದರ್ಶಿ



ಶ್ರೀ ಡಿ.ಜಿ.ರಮೇಶ್ ಖರ್ಣಾಚ



ಶ್ರೀ ಟಿ.ಆರ್. ಅತ್ವಥನಾರಾಯಣ ಶೆಟ್ಟಿ advesses



ಶ್ರೀ ಎನ್.ಟಿ. ನಾರಾಯಣರಾವ್ ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಪಿ. ಮೈಲಾರಪ್ಪ



ಶ್ರೀ ಹೆಚ್.ಸಿ. ಶಿವಕುಮಾರ್ ನಿರ್ದೇಶಕು



ಶ್ರೀ ಸುಧೀರ್ ಜಿ.ಎನ್. ನಿರ್ದೇಶಕರು



ಶ್ರೀಮತಿ ಎಂ.ಆರ್. ಸೀತಾಲಕ್ಷ್ಮಿ ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಎಸ್. ಮಧುರಾವ್ ನಿರ್ದೇಶಕು



ಶ್ರೀ ಎಂ.ಜಿ.ರಾಮಚಂದ್ರಮೂರ್ತಿ ೧ರ್ಡೇಕ್



ಶ್ರೀ ಡಿ.ಎಸ್. ಅರುಣ್ ನಿರ್ದೇಶಕರು



ಶ್ರೀ ಎಂ.ಎಸ್. ಅನಂತದತ್ತ ನಿರ್ದೇಶಕರು

#### National Education Society (R.)

# Jawaharlal Nehru New College of Engineering, Shivamogga Governing Council

1.	Sri G S Narayana Rao President, NES	Chairman
2.	Sri C R Nagaraj Vice President, NES	Member
3.	Sri S N Nagaraja Secretary, NES	Member
4.	Dr. P Narayan Joint Secretary, NES	Member
5.	Sri D G Ramesh Treasurer, NES	Member
6.	Sri Ashwathanarayana Setty Director, NES	Member
7.	Smt. Seethalakshmi M R Director, NES	Member
8.	Sri D S Arun Director, NES	Member
9.	Dr. H N Ramesh Principal, UVCE, Bangalore	Member
10.	Registrar, NES	Ex-Officio Member
11.	VTU Nominee	Member
12.	Regional Director S.W.R.O., AICTE	Member AICTE Nominee
13.	Directorate of Technical Education	Member Govt. Nominee
14.	Dr. Manjunatha P Dean Academics	Member Faculty Nominee
15.	Dr. Satya Prema Assistant Professor	Member Faculty Nominee
16.	Principal, JNNCE	Member Secretary

#### **National Education Society (R.)**

# J N N College of Engineering, Shivamogga

## Internal Quality Assurance Cell (IQAC)

	internal quality Assurance cen	
1.	<b>Dr. Manjunatha P.</b> Dean-Academic & Principal (I/c)	Chairman
2.	<b>Dr. Jalesh Kumar</b> Professor & HoD, Dept. of CSE	Coordinator
3.	Dr. Chetan K.R. Professor & HoD, Dept. of AIML	Member
4.	<b>Dr. B.N. Anandram</b> Professor & HoD, Dept. of Physics	Member
5.	Dr. Srikant C. Director, Dept. of MBA	Member
6.	<b>Dr. Neeraj S.N.</b> Asst. Professor, Dept. of Civil	Member
7.	<b>Dr. Sheela S.</b> Asst. Professor, Dept. of ECE	Member
8.	<b>Dr. G. H. Manjunathachari</b> Asst. Professor, Dept. of Mech.	Member
9.	<b>Dr. Sachin H.P.</b> Assoc. Professor, Dept. of Chemistry	Member
10.	Sri S. N. Nagaraja Secretary, NES Management Nominee	Member
11.	Mr. Shabareesh Raj Business Head of Data Science Alumni Nominee	Member
12.	Mr. Koushik R Udupa Co-founder and CEO, Ekathva Innovations Pvt. Ltd Industry Nominee	Member
13.	Mr. Ajjanna N G Asst. Professor, Dept. of EE Research Scholar	Member
14.	Mr. Hari B J 7th sem, Dept of CSE	



Member

Student Representative - UG

#### Profile of JNNCE

JNNCE is a flagship Institute of the National Education Society. JNNCE is one of the premier technical institutions of Karnataka imparting quality technical and management education and training to students from all parts of India. Started in the year 1980, over the last 43 years the institution has put its best efforts in achieving perfection in every aspect of technical, management education and training. It is one of the most sought-after destinations for technical education in Karnataka.

Spread over 39.4 acres, the campus has the amenities to cater to the needs over 3400 students and 400 employees. Each department is equipped with good infrastructure with highly qualified and experienced faculty and well equipped laboratories. The institution has 60 doctorates and 67 research scholars to its credit.

#### JNNCE is ranked by the following agencies in 2022-23:

- Accredited by NAAC 'B'
- 7 UG programs & MBA Programm are accredited by NBA, New Delhi
- UGC 2f & 12 B Certification
- The Week: India Today: Outlook India Chronicle Magazine
  - $\circ$  57th in India,  $~\circ$  48th in India  $~\circ$  80th in India  $~\circ$  31sth in India with A+ Grade
  - $\circ$  32<sup>nd</sup> in South India  $\circ$  10<sup>th</sup> in Karnataka  $\circ$  17<sup>th</sup> in Karnataka  $\circ$  17<sup>th</sup> in South India
  - o 12th in Karnataka

The college hosts a number of International and National workshops, conferences, seminars and short term courses throughout the academic year.

#### Courses offered:

S.N.	UG / PG Programmes	Intake
1.	Civil Engineering	120
2.	Mechanical Engineering	60
3.	Electrical & Electronics Engineering	60
4.	Electronics & Communication Engineering	120
5.	Computer Science & Engineering	180
6.	Information Science & Engineering	180
7.	Electronics & Telecommunication Engineering	60
8.	Artificial Intelligence and Machine Learning	60
9.	Robotics & Artificial Intelligence	60
10.	Computer Science & Engineering (Data Science)	60
11.	M.Tech in Computer Science & Engineering	25
12.	M.Tech in Transportation Engg. & Management	18
13.	M.C.A	120
14.	M.B.A	180

#### **Faculty Profile**

Professors	22	♦ Ph.D	60
		♦ Ph.D.Pursuing	67
• Asst. Prof	129	♦ P.G	42



#### **Salient Features**

- Total Transparency in transactions
  - \* The Management and college administration is totally transparent. Any employee, student, parent or public can meet the concerned and seek the required information.
- Mentor Scheme in operation to pay individual attention to students and inform the progress to parents.
- Student discipline given top priority. In case of indiscipline appropriate remedial actions promptly taken.
- Students are encouraged to take part in sports, cultural activities and Cocurricular activities, with adequate facilities and monetary support.
- Special coaching by experts to the talented students in Sports and extra curricular activities.
- Every department arranges placement related training programmes like aptitude, GD and communication skills.
- Academic achievers given cash prizes and eligible to borrow additional books from the library.
- Departmental libraries provide additional books.
- Internet connectivity throughout campus.
- Campus networked with 500 Mbps optical fiber backbone with L3 / L2 managed switches and 1.2 Gbps FTTH connections with Wifi facility distributed to all departments.
- Language Lab to develop communication skills.

#### **Industry Collaborations/MoUs:**

- Qualitas Technologies Pvt Ltd, Bangalore
- Laser Consult KFT, Hungary
- Silfra Technologies Pvt Ltd, Bangalore
- Gardenia Group, Noida
- Aarohan Builders (Pvt.) Ltd, Ranchi
- Newtech Group, Noida
- Sorgen Systems, Hyderabad
- Sugamya Academy for Excellence (SAFE), Mysore
- ODC Universal Technological Solutions Pvt Ltd. India, Pune
- Lekha Wireless Solutions Pvt. Ltd., Bangalore
   Maland Allan Costings But Ltd. Shirespages
- Malnad Alloy Castings Pvt. Ltd, Shivamogga
- · Global Infotech, Dharwad

- JSS S&T University, Mysuru
- CISCO- RVCE, Bengaluru
- Tegued Labs Pvt. Ltd. Bangalore
- '5 Jewels Research' of Innogress, NCR Delhi
- Subbaiah Institute of Medical Sciences, Shivamogga
- Wadia Techno Engineering Services Limited, Bangalore
- DVS Science & Arts College, Shivamogga
- HoloSuit Pvt. Ltd., Mysuru
- KSTA, Dept. of Science & Techonology, Govt. Karnataka
- National Highways Authority of India (NHAI)

#### Start Ups on the campus

- Ekathva Innovations Pvt Ltd
- Synoleum Renewables Pvt. Ltd.



#### **Teaching Learning Process**

- Delivery of Syllabus Contents: Lesson plans are prepared by the faculty and given to the students at the begining of each semester. Tutorial classes and extra classes are taken in the subjects where students normally feel difficulty.
- Contents beyond the syllabus: Lectures by experts from industries / institutions are arranged in the state-of-the-art technologies under the auspices of the departmental associations regularly.
- Academic Calendar: Prepared at the beginning of the semester and notified to the students.
- Continuous Internal Evaluation (CIE): Done through Periodical tests, Assignments and feedback thereon.
- Information Access Facilities: Campus wide networking and Internet facilities provided.
- Student Centric Learning Initiatives: Student seminar, paper presentations are arranged through departmental associations and student chapters of professional bodies like IEEE, IETE, IE(I), ISTE, ACM etc.
- Center for Innovation & Entrepreneurship CIE: Promotes IT Entrepreneurship in places other than Bangalore and organises various activities/programs.
- **IETE Centre**: Institution of Electronics and Telecommunication Engineers, Shimoga centre is functioning in the campus and organises various technical activities.
- **IEEE Student Branch**: Institution of Electronics and Electrical Engineers (IEEE) is functioning in the campus and organises various technical activities.

#### Student Amenities:

1. Canara Bank 2. ATM (Canara Bank)

3. Post Office 4. Canteen

5. Medical Center

**Medical officer :** Dr. R.B. Purushothama, M.B.B.S.,M.S.(ENT) Contact No. : 9448319861 Timings: 4.00 PM to 5.00 PM

6. Photo copy Center in Library block

7. N.S.S. Coordinators:

Mr. Anandaraj S.N., Asst. Prof. ©: 9845579713 Dept. of ETE Ms. Chaya D.Y. Asst. Prof. ©: 9481738632 Dept. of Civil Engg

8. Cultural Activities

Staff Advisor: Mr. Madhusudhan G., Asst. Professor, Dept. of ETE.

Contact Number: 9538667876



#### 9. Student Counselling

Counselor: Smt. Anuradha.C.K. Asst. Professor, Dept. of M.B.A

Contact Number: 9242789090

Student Counselling cell comprises of a Chairman, Convener and Faculty Counsellor from each department.

#### 10. Chirantana Green Technology Centre

Coordinator: Mr. H.K. Pradeep, Assoc. Professor, Dept. of IS & E.

Contact Number: 9845053433

Promotes eco friendly life styles, renewable energy devices and energy conservation.

# 11. Dist. Biofuel-Information and Demonstration Centre Coordinators :

Dr. B.N. Ravikumar, Asst. Prof. ©: 8861644216 Dept. of Mech. Engg Dr. Chethan S.G. Asst. Prof. ©: 8095040747 Dept. of Chemistry Promotes Biofuels like Biogas, Bio-Diesel, Bio-Ethonal etc.,

#### 12. UTTHANA - Centre for Arts, Literature and Humanities

Coordinator: Dr. P.S. Subhadra, Asst. Prof., Dept. of MBA

Contact Number: 9448446484

Promotes interest in Arts, Literature and Humanities amongst Students and Staff

#### 13. Center for Innovation & Entrepreneurship - CIE

Coordinator: Mr. Arun Kumar K.L. Dept. of MCA ©: 9964069744

14. **ALPHA** – Augmented Learning Program for Higher Achievement. The objective of the club is to inspire and enable members to acquire skills to achieve their professional goals. After enrollment in any of the wings of the club, the members engage in devising the avenues to involve in learning along with co-participants under the guidance of a mentor.

Coordinator: Dr. Basappaji K.M. Prof. Dept of Mech. Engg.

# 15. National Programme on Technology Enhanced Learning (NPTEL): Local Chapter

Provides Online Courses in the advanced Science & Engineering Courses Coordinator: Mr. K T Sathish, Asst. Librarian Contact No.: 9900657698

#### 16. JNNCE Staff & Students Co-operative Society (R)

Provides Record Books, Note books, Blue Books, Assignment Books and other stationaries

Secretary: Mr. Mohsin Khan, Contact Number: 8884185528



#### **Assessment and Accreditation**

Assessment is the systematic basis for making inferences about the learning and development of students. It is the process of defining, selecting, designing, collecting, analyzing, interpreting, and using information to increase students' learning and development. Process of Assessment begins with the goals for student learning articulated in the College Mission and Outcomes Statements. These institutional goals are implemented at the program and course levels. Assessment at these levels provides information that enables the College to determine the extent to which its goals for student learning are being met. Assessment data also guides revision at the program and course levels designed to enhance student learning.

**Accreditation** is a process of quality assurance and improvement, whereby a program in an approved Institution is critically appraised to verify that the Institution or the program continues to meet and/or exceed the Norms and Standards prescribed by regulator from time to time. Accreditation is advancement and upgrading of programs and performance in higher education institutions.

#### **Accreditation Agencies:**

**NAAC:** National Assessment and Accreditation Council: is an autonomous body established by the University Grants Commission (UGC) to assess and accreditate institutions of higher education in the country. The NAAC was established in 1994 with its headquarters at Bangalore.

**NBA:** National Board of Accreditation: NBA was established in the year 1994 under Section 10 (u) of AICTE Act. NBA became Autonomous in January 2010 and in April 2013 the Memorandum of Association and Rules of NBA were amended to make it completely independent both administrative as well as financial. NBA became a permanent member of the Washington Accord (an international accord) in 2014.

NBA assess the curriculum design, Teaching-Learning Process with extent of Outcome Based Education Practice, Research & Consultancy, Infrastructure, Student Progression, Governance and the best practices adapted by the institution and accreditates the program ( Department).

**UGC 2f and 12B Certification :** The University Grants Commission (UGC) provides financial assistance to eligible colleges which are included under Section 2(f) and declared fit to receive central assistance (UGC grant) under Section 12 (B) of UGC Act, 1956 as per approved pattern of assistance under various schemes. JNNCE obtained UGC 2f and 12B Certification during 2018



#### **Engineering Program Outcomes**

NBA defines twelve program outcomes which are expected to be attained by Engineering Graduates at the end of Engineering program.

PO1	<b>Engineering knowledge:</b> Apply the knowledge of mathematics, science, engineering. fundamentals, and an engineering. Specialization to the solution of complex engineering. Problems.
PO2	<b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex engineering Problems reaching substantiated conditions using first principles of mathematics, natural sciences, and engineering Sciences.
PO3	<b>Design/development of solutions:</b> Design solutions for complex engineering Problems and design system components or processes that meet the specific needs with appropriate consideration for public health and safety, and the cultural, societal, and environmental considerations.
PO4	<b>Conduct investigations of complex problems:</b> Use research – based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.
PO5	<b>Modern tool usage:</b> Create, select and apply appropriate techniques, resources and modern engineering Ant IT tools including prediction and modelling to complex engineering Activities with an understanding of the limitations.
PO6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professionalengineering Practice.
PO7	<b>Environment and sustainability:</b> Understand the impact of the professional engineering Solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering Practice.
PO8 PO9	
	and norms of the engineering Practice.  Individual and team work: Function effectively as an individual, and as a member or
PO9	and norms of the engineering Practice.  Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.  Communication: Communicate effectively on complex engineering Activities with the engineering Community and with society at large such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and



#### **MBA Program Outcomes**

NBA defines seven program outcomes which are expected to be attained by Managers at the end of MBA program.

PO1	Apply knowledge of management theories and practices to solve business problems
PO2	Foster Analytical and critical thinking abilities for data-based decision making
РО3	Ability to develop Value based Leadership ability
PO4	Ability to understand, analyze and communicate global, economic, legal, and ethical aspects of business
PO5	Ability to lead themselves and others in the achievement of organizational goals, contributing effectively to a team environment
PO6	Apply research acumen to use innovative models & solutions for business & society
PO7	Adapt entrepreneurial traits & skills to start and manage own business successfully



#### **MCA Program Outcomes**

NBA defines twelve program outcomes which are expected to be attained by MCA Graduates at the end of MCA program.

PO1	<b>Engineering knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals, and computer science and business systems to the solution of complex engineering and societal problems.
PO2	<b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex engineering and business problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	<b>Design/development of solutions:</b> Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	<b>Conduct investigations of complex problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	<b>Modern tool usage:</b> Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations
PO6	<b>The engineer and society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering and business practices.
PO7	<b>Environment and sustainability:</b> Understand the impact of the professional engineering solutions in business societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering and business practices
PO8	
	and norms of the engineering and business practices  Individual and team work: Function effectively as an individual, and as a member or
PO9	and norms of the engineering and business practices  Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.  Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and



#### JNNCE Automation & Management System

JNNCE uses an in-house package called **JAMS** (**JNNCE Automation** and **Management System Portal**) which helps all stakeholders to get the information and data at the click of a button. JAMS comprises of

- Academics Automation module
- Administration Automation module
- Accreditation Readiness Engine (Supports NBA, NAAC, NIRF or other)

#### Interface for faculty:

- To carry out regular academic activities like Lesson Plan preparation, Lesson plan execution, Course Diary generation, Attendance Marking
- Interfaces of Youtube playlists under JNNCE channel and to upload Notes/Teaching material
- To handle scrutinizing process of test question papers, uploading test question papers and schemes with solutions, Record Test marks,
- To upload Assignment questions and record marks for the same

#### Interface for Students:

- Access Lesson plan and execution.
- Check class time table and notice board to see information and notifications by college and department.
- Check Attendance and Internal Assessment details.
- Register to different events conducted by college/Professional & Open electives.
- Access notes/study materials uploaded by faculty, check videos uploaded by faculty.
- Upload the certificates of curricular, co-curricular and extracurricular activities they have participated.
- Check room allocated during exams and access to Test and Exam timetables.

#### Interface to Parents:

- Check class time table and notice board to see information and notifications by college and department.
- Check Attendance and Internal Assessment details.



#### JNNCE Journal of Engineering & Management (JJEM)

JJEM is published twice a year, in January and July with ISSN No.: 2582-0079. Both online and print versions are brought out. The journal provides a platform for academicians, research scholars, industry managers and practitioners of engineering and management to facilitate discussions and to disseminate thoughts and work to the research community at large. The main objective of this journal is to keep the readers updated about the latest innovations, developments, trends, theories and techniques in the field of engineering and management sciences. The journal seeks to publish innovative and original research based articles, case studies and Research abstracts in all functional areas of technology and management. The journal invites reputed academicians, industry experts and practitioners to be on the Editorial Board and Panel of Reviewers and extend support to the publication. For more details visit: www.jjem.jnnce.ac.in

#### National Programme on Technology Enhanced Learning (NPTEL):

The National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore in 2003. Five core disciplines were identified, namely, Civil Engineering, Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering and Mechanical Engineering and 235 courses in web/video format were developed in this phase.

NPTEL partners with around 2500+ colleges as on date in the form of NPTEL Local chapters and each college has a coordinator with whom NPTEL works closely with. (http://nptel.ac.in/LocalChapter/). JNNCE also has a NPTEL Local chapter and is one among the hundred active local chapters in Karnataka. At present the following is the data of beneficiaries:

202	2-Jan-June	)	2022-Jul-Dec			202	3-Jan-June	)
Course Enrolled	Exam Registered	Certified	Course Enrolled	Exam Registered	Certified	Course Enrolled	Exam Registered	Certified
505	54	30	912	94	49	1115	145	79

JNNCE NPTEL Local chapter: Mr. K T Sathish, Asst. Librarian, Contact No.: 9900657698



## **Profile of Departments**

**Office:**Office is housed in the Administrative Block.

Name of the Staff	Designation	Exp.(yrs.)
Dr. Manjunatha P.	Dean Academics & Principal (I/c)	25.6
<b>H R Department</b> Ms. Divya S.P.	HR & P.A. to Principal	19.6
Establishment/Admission Section	<u>n</u>	
Ms. Mangaladevi Ms. Hemalatha N.S. Ms. Shilpashree N.P. Mr. Sathish N.G. Mr. Yogendra S.H.	FDA (Sr.Sc.) FDA (Sr.Sc.) SDA SDA Office Asst.	26.3 15.7 15.5 25.0 11.4
Accounts / Fees / Scholarships		
Mr.Gururaj M. Ms. Nagamani K.U. Mr. Sathish R. Mr. Manjunatha C. Mr. Lokeshappa U.	FDA (Sr. Sc.) SDA (Sr. Sc.) SDA (Sr.Sc.) SDA Office Asst.	21.6 24.0 12.6 12.6 19.6
Examination Section		
Mr. B.S. Satyaprasad Mr. R.E. Anil Ms. Prabhavathi N. Mr. Sudarshan A.G.	Superintendent (Exam) FDA (Sr.Sc.) SDA (Sr.Sc.) SDA (Sr.Sc.)	33.6 24.6 11.6 9.6
<b>Campus Maintenance</b>		
Mr. Mohamed Ibrahim N. Mr. Megharaja K R	Chief Maintenance Engineer (NES) Instructor(Sr.Sc./Maintenance)	11.5 16.3
Mr. Chethan J.	Campus Maintanance Engineer	5.7

#### **Office Working Hours**

MONDAY to SATURDAY : 10 AM TO 1.30 PM  $\,$  - 2.00 PM TO 5.30 PM

1<sup>st</sup> & 3<sup>rd</sup> Saturday Holiday



#### **Department of Civil Engineering**

Programmes offered	Year of Establishment
B.E. Civil Engineering	1980
M.Tech Transportation Engg. & Management	2010

#### **Special Features**

 Recognized as Research center by V.T.U leading to Doctoral & M.Sc Engg Degrees.

No. of Guides	Ph. D. Awarded	M.Sc. (Engg.) Awarded	Ph.D. Pursuing
03	18	01	11

- · Qualified and experienced staff
- Well equipped laboratories
  - Fluid Mechanics and Hydraulic Machines Lab
  - Strength of Materials Lab (BMT Lab) Structure Lab
  - Highway & Concrete Lab
  - Survey Practice Lab
  - Environmental Engg. Lab
  - Industry sponsored research lab.
- CAD Lab

Geology Lab

- Geo-Tech Lab
- Model Lab
- Well stacked department library having 4000 books.
- Organizes various technical programmes under the banner of CONSTRO – Department Forum.
- Organizes AICTE / ISTE approved training programmes.
- Arranges various training programmes in association with Builders Association of India and other State Govt. Institutes.
- Undertakes various projects funded by Govt. of Karnataka, BMTPC, AICTE, M/s Shantala Gray Iron & Ductile, M/s ACC Cements Ltd.
- Department undertakes consultancy assignments.

#### Final Year Pass percentage during the last 3 years :

Year	2020-21	2021-22	2022-23
%ge	98.67	97.34	95.6

**Teacher Student Ratio** : 1 : 21

**No. of Faculty Members**: 20 Professor.: 01; Asst. Prof.: 19

**No. of Non-Teaching Staff Members :** 08 Technical Staff : 07 ; Supporting Staff : 01



#### **Faculty Profile**

Ph.D.: 04; Ph.D. Pursuing: 08; Post Graduate: 08

#### **Experience of Faculty**

5 to 10 years: 06; More than 10 years: 14

#### Details of individual faculty members

S.N.	Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1	Dr. Karthika B.S.	Professor and Head	Ph.D.	14.5
2	Srinivasa Pandit A. N.	Asst. Prof.	M.E.	23
3	Shashikumar M. Hiremath	Asst. Prof.	M.Tech. (Ph.D.)	18
4	Dr. Umapathi	Asst. Prof.	M.Tech. Ph.D.	22
5	Rabinandan J.	Asst. Prof.	M.Tech. (Ph.D.)	15
6	Dr. Raghuram K. Chinnabhandar	Asst. Prof.	M.Tech. Ph.D.	13.5
7	Sabareswaran S.	Asst. Prof.	M.Tech. (Ph.D.)	12.5
8	Dattattreya S. Bhasari	Asst. Prof.	M.Tech.	12
9	Mohamed Ibrahim N.	Asst. Prof.	M.Tech. (Ph.D.)	11.5
10	Anand B.	Asst. Prof.	M.Tech.	11.5
11	Bindiya K.	Asst. Prof.	M.E	10
12	Akshatha M.	Asst. Prof.	M.Tech. (Ph.D.)	10
13	Chaya D. Y.	Asst. Prof.	M.Tech. (Ph.D.)	10
14	Sreenivasa V.	Asst. Prof.	M.Tech.	11
15	Sagar H	Asst. Prof.	M.Tech.	9.5
16	Arun V.	Asst. Prof.	M.Tech. (Ph.D.)	9.5
17	Anirudh N.	Asst. Prof.	M.Tech.	9.5
18	Bhuvan Kumar V.S.	Asst. Prof.	M.Tech.	9.5
19	Dr. Neeraj S.N.	Asst. Prof.	M.Tech. Ph.D.	9
20	Ganesh Prasanna S.	Asst. Prof.	M.Sc. (Ph.D.)	6

#### Industrial Consultancy, Research and Development (Last 4 Years)

Amount of Industrial Consultancy earned (in lakhs of Rupees)	: 66
No. of sponsored research projects in progress	: 11
No. of papers published in International journals	: 35
No. of papers published in National journals	: 02
No. of papers presented in International Conferences / Seminars	: 20
No. of papers presented in National Conferences / Seminars	: 13
No. of Training Programmed / Short Term Courses conducted	: 07

#### Placement Record for the Academic year 2022-23

Schwing Stetter Pvt Ltd, Shobha Developers, TCS, Career Prime, Face, Savhn Tech Solutions, Simco Enterprises, Zen Building Solutions, Padmini Decor, KRC group, Tasmai automation pvt ltd, Bangur Cement, Deduce Technologies,

No.of placement offers:

29



#### Department of Mechanical Engineering/Robotics & Artificial Intelligence

Programmes offered	Year of Establishment
B.E. Mechanical Engineering	1980
B.E. Robotics & Artificial Intelligence	2022

#### **Special Features**

 Recognized as Research center by V.T.U leading to Doctoral and M.Sc(Engg) Degrees.

No.	of Guides	Ph. D. Awarded	Ph.D. Pursuing	M.Sc. Engg. Awarded
	11	11	10	01

- Qualified and experienced staff.
- Well equipped laboratories
  - Workshop
  - Machine Shop
  - Metrology Lab
  - Foundry / Forging Lab
  - CAD Lab
  - Vibration Lab
  - CAE Lab
  - Heat Transfer Lab
  - FMS Lab

- Fuel Testing Lab
- CNC Machine Lab
- Design Lab
- Energy Conversion Lab
- Machine Tool Lab
- Engineering Graphics Lab
- Condition Monitoring Lab
- Inverse FFM Lab
- Well stacked department library having over 1500 books.
- Organizes various technical programmes under the banner of MEA Departmental Forum.
- Organizes AICTE /ISTE approved training programmes / National Conferences.
- Organizes special training (Skill Development) programmes in CAD / CAM areas.
- TAPTEC project funded by AICTE 75 KVA power generating Biomass Gasifier installed and maintained.
- Department undertakes consultancy assignments.
- Dept. manages Bio-fuel information & Demonstration Centre and Research Laboratory funded by Karnataka State Bio - fuel Development Board with annual funding of Rs. 8.25 lakhs.
- R&D Project titled "Reliability based maintenance of machine tools using vibration signals" funded by VTU, Belgaum



#### B.E. Mech. Engg.: Final Year Pass percentage during the last 3 years

Year	2020-21	2021-22	2022-23
%ge	86.00	92.03	93.46

Teacher Student Ratio : 1:24

No. of Faculty Members: 17

Professors: 02; Assoc. Prof.: 02; Asst. Prof.: 13

No. of Non-Teaching Staff Members: 18 Technical Staff: 14; Supporting Staff: 04

**Faculty Profile** 

Ph.D.: 07; Ph.D. Pursuing: 06; Post Graduate: 04

**Experience of Faculty** 

5 to 10 years: 02; More than 10 years: 15

#### Details of individual faculty members

S.N.	Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1	Dr. E. Basavaraj	Professor & HOD	M.Tech, Ph.D	33
2	Dr. Basappaji K. M.	Professor	M.Tech, Ph.D	31
3	S. R. Venkatesh	Assoc. Prof.	M. Sc. Engg.	37
4	M. Ramesh	Assoc. Prof.	M.Tech	34
5	Dr. Sathyaprema	Asst. Prof.	M.Tech, Ph.D	26
6	Shanthikiran	Asst. Prof.	M.Tech, (Ph.D)	27
7	Dr. G. H. Manjunathachary	Asst. Prof.	M.Tech, Ph.D	19
8	Dr. Amith Kumar S. J.	Asst. Prof.	M.Tech, Ph.D	19
9	Shivanandappa N. D.	Asst. Prof.	M.Tech, (Ph.D)	19
10	M. K. Srinivasa Murthy	Asst. Prof.	M.Tech, (Ph.D)	17
11	Abdul Saleem S.	Asst. Prof.	M.Tech	23
12	Parameshwara S	Asst. Prof.	M.Tech, (Ph.D)	13
13	Dr. Pradeep N. B	Asst. Prof.	M.Tech, Ph.D	14
14	Dr.Ravi Kumar B N	Asst. Prof.	M.Tech, Ph.D	13
15	Jayavardhana Acharya N	Asst. Prof.	M.Tech, (Ph.D)	14



16	Chetan C G	Asst. Prof.	M.Tech	09
17	Deepankar V K	Asst. Prof.	M.Tech, (Ph.D)	06

#### **Industrial Consultancy, Research and Development (Last 4 Years)**

Industrial Consultancy amount earned (in lakhs)	9.15
Total Amount of research grants received (in lakhs)	29.53
No. of papers published in International journals	70
No. of papers published in National journals	12
No. of papers presented in International Conferences/ Seminars	20
No. of papers presented in National Conferences/Seminars	21
No. of conferences organized	02
No. of Training Programmed/Short Term Courses conducted	17
No. of workshops/FDPs attended	96

#### Placement Record for the Academic year 2022-23

TCS, SLK Software, Mphasis, Wipro, Infosys, Eleation, Sliverpeak, Tajhotel, Hiremee, Bosch, Qspider, CAD Vision Ethuns, Codemithra, Thasmei Automation, Codevission, Delhivery, X-Works, EPiroc Mining India Ltd. Capgemini, TVS, Federal Bank, CADMAXX, Prerana Engineering, Tala Elxsi, Fi-mobility Solutions, Skolar, Teachnook, BJBox CADMAXX, Prerana Engineering, TATA Elxsi, Ki-Mobility Solutions, Skolar, TBACHNOOK, BiBox

No.of placement offers: : 78



#### **Department of Electrical & Electronics Engineering**

Year of Establishment : 1980

Programmes Offered : B.E. Electrical & Electronics Engg.

#### **Special Features**

 Recognized as Research center by V.T.U leading to Doctoral and M.Sc(Engg) Degrees.

No. of Guides	Ph. D. Awarded	Ph.D. Pursuing	M.Sc. Engg. Pursuing
03	06	03	01

- Qualified and experienced staff
- Well equipped laboratories
  - Power Electronics Lab
  - High Voltage & Relay Lab
  - Electrical Machines Lab
  - Linear IC Lab
  - Electrical Machine Tutor
- Basic Electrical Engg. Lab
- Electronics Lab
- Microcontrollers Lab
- Computer Center/CAED Lab
- Control Systems Lab
- Well stacked department library with 2000 + volumes
- Organizes various technical programmes under the banner of POWERTRON – Departmental Forum.
- Department undertakes consultancy work in the area of energy conservation, lighting, testing and also maintenance of electrical installations in campus
- Professional Society: IEEE Power & Energy Sources Society
- Publishes Newsletter-Power News periodically

#### Final Year Pass percentage during the last 3 years :

Year	2020-21	2021-22	2022-23
%ge	93.9	90	91.8

**Teacher Student Ratio : 1:15** 

No. of Faculty Members: 12

Professors: 02; Assoc. Prof.: 01; Asst. Prof.: 09

No. of Non-Teaching Staff Members: 07

Technical Staff: 07

**Faculty Profile** 

Ph.D.: 03; Ph.D. Pursuing: 05; Post Graduate: 04

**Experience of Faculty** 

5 to 10 years: 03; More than 10 years: 09



#### Details of individual faculty members

S.N.	Name of the Faculty	Designation	Qualification	Exp. (Yrs)
1	Dr. Suresh H.B.	Professor & HOD	ME. Ph.D.	29
2	Dr. Thejaswi A .H.	Professor	M.Tech. Ph.D.	28
3	Shailashree K	Assoc. Prof.	M.Tech	33
4	Ajjanna N G	Asst. Prof.	M.Tech (Ph.D)	22
5	Maheswarappa H M	Asst. Prof.	M.Tech	25
6	Soumya K T	Asst. Prof.	M.Tech (Ph.D)	18
7	Dr. Veeresha K B	Asst. Prof.	M.Tech, Ph.D	17
8	Manjula M G	Asst. Prof.	M.Tech (Ph.D)	17
9	Supreetha M R	Asst. Prof.	M.Tech (Ph.D)	17
10	Vidyashankar M	Asst. Prof.	M.Tech	10
11	Padmashree H R	Asst. Prof.	M.Tech (Ph.D)	06
12	Chandan K.R.	Asst. Prof.	M.Tech.	08

#### **Industrial Consultancy, Research and Development (Last 4 Years)**

No. of KSCST projects sanctioned	: 08
No. of papers published in International Journals	: 21
No. of papers published in National Journals	: 02
No. of papers Presented in International Conferences/Seminars	: 06
No. of papers Presented in National Conferences/Seminars	: 03
No. of workshops/FDPs attended	: 179
No. of workshops/FDPs conducted	: 06

#### Placement Record for the Academic year 2022-23

TCS, SLK SOFTWARE, MPHASIS, WIPRO, TATA ELXSI INFOSYS, SLIVERPEAK GLOBAL, TAJ HOTEL, HIRE MEE, BOSCH, QSPIDERS, NANOSOURCE TECH HERAIZEN TECH, ETHNUS, ROBOSOFT TECH, CADENCE, COGNIZANT, Attra Tech, NTT DATA, HERAIZEN TECH, TECH FORTUNE, ACCESS6 TECH, LEKHA WIRELESS, Tech Mahindra, SYNFINITY, CSS Corp, SAKHA GLOBAL, UTS GLOBAL, AVINI SYSTEM, TANTRAGYAN, SUPRAJIT ENGG.BRIGASHA TECH, Pragathi Automation, Acccord Soft., Bibox, Qualitest, TATA Elxsi, Skolar, TBACHNOOK, SMART SOC SOLUTION, Vodafone, Texas Instruments

No.of placement offers: : 43



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

Year of Establishment : 1980

Programmes Offered : B.E. Electronics & Communication Engg.

#### **Special Features**

Qualified and experienced staff

Recognized as Research center by V.T.U leading to Doctoral and M.Sc(Engg) Degrees.

No. of Guide	S	Ph. D. Awarded	M.Sc. (Engg.) Awarded	Ph.D. Pursuing
05		10	01	15

Well equipped laboratories

o Electronic Circuits Lab o Simulation Lab o Communication Lab o Project Lab

o Microprocessor & Microcontroller Labs

o DSP and VHDL Lab o VLSI Lab

o loT Lab o Research Centre

- Well stacked department library having about 2048 books.
- Organizes various technical programmes under the banner of department forum - Spectrum / IETE Students Forum (ISF), IETE Shimoga center & IEEE ComSoc Student Chapter.
- Publishes Newsletter SAIL periodically.
- Department has Amateur Radio Club (HAM) and Hobby Club.
- Scholarships offered: Sankalp Scholarship, VLB Merit Scholarship & GMS Merit Scholarship.
- Professional Societies: IETE Student Forum, IEEE ComSoc Student Chapter

#### Final Year Pass percentage during the last 3 years :

Year	2020-21	2021-22	2022-23
%ge	92.15	96.28	96.32

**Teacher Student Ratio**: 1:18 **No. of Faculty Members**: 21

Professor: 02; Assoc. Prof: 01; Asst. Prof.: 18

No. of Non-Teaching Staff Members: 5

Technical Staff: 05 Faculty Profile:

Ph.D.: 06; Ph.D. Pursuing: 14; Post Graduate: 01;

**Experience of Faculty** 

5 to 10 years : 9; More than 10 years : 12



#### **Details of individual faculty members**

S.N.	Name of the Faculty	Designation	Qualification	Exp. (Yrs)
1.	Dr. Sathyanarayana S. V.	Professor & HOD	M.Tech.,Ph.D.	30.3
2.	Dr. Manjunatha P.	Professor	M.Tech.,Ph.D.	25.6
3.	Dr. Pramod Kumar S.	Assoc. Prof	M.Tech.,Ph.D.	14.0
4.	Sunil M. D.	Asst. Prof.	M.Tech. (Ph.D)	20.0
5.	Ujwala B. S.	Asst. Prof.	M.Tech. (Ph.D)	17.3
6.	Nalina S. B.	Asst. Prof.	M.Tech. (Ph.D)	18.6
7.	Ajay Betur P.	Asst. Prof.	M.Tech.	19.0
8.	Dr. Sharath S. M.	Asst. Prof.	M.Tech. Ph.D	14.6
9.	Abhijith N.	Asst. Prof.	M.Tech. (Ph.D)	14.0
10.	Darshan K. V.	Asst. Prof.	M.Tech. (Ph.D)	15.0
11.	Anil Kumar J.	Asst. Prof.	M.Tech. (Ph.D)	12
12.	Dr. Sheela S.	Asst. Prof.	M.Tech. Ph.D	17.0
13.	Roopa B. S.	Asst. Prof.	M.Tech. (Ph.D)	12.0
14.	Pradeepa S. C.	Asst. Prof.	M.Tech (Ph.D)	12.0
15.	Harish T.S.	Asst. Prof.	M.Tech. (Ph.D)	10.5
16.	Prema K. N.	Asst. Prof.	M.Tech. (Ph.D)	11.0
17.	Smitha S. M.	Asst. Prof.	M.Tech. (Ph.D)	12.0
18.	Sumathi K.	Asst. Prof.	M.Tech. (Ph.D)	10.0
19.	Dr. Shwetha H. R.	Asst. Prof.	M.Tech. Ph.D	10.0
20.	Prashanth G. S.	Asst. Prof.	M.Tech. (Ph.D)	12.0
21.	Shwetha B.	Asst. Prof.	M.Tech. (Ph.D)	11.0

#### Industrial Consultancy, Research and Development (Last 4 Years)

Total Amount of reasearch grants received (in lakhs)	: 22.79
No. of papers published in International journals	: 37
No. of papers presented in International Conferences / Seminars	: 08
No. of papers presented in National Conferences / Seminars	: 01
No. of conferences organised	: 03
No. of Training Programmed / Short Term Courses conducted	: 96
No. of workshops/FDPs attended	: 268
No. of KSCST Projects sanctioned during the year 2022-23	: 04

#### Placement Record for the Academic year 2022-23

TCS, SLK SOFTWARE, WIPRO, TATA ELXSI, INFOSYS, BOSCH, QSPIDERS, CRIMSON LOGIC, ETHNUS, ROBOSOFT TECH, CADENCE, COGNIZANT, Attra Tech, NTT DATA, HERAIZEN TECH, TECH FORTUNE, LEKHA WIRELESS, Tech Mahindra, SYNFINITY, CSS Corp, ROBOSOFT TECH, TAYANA SOFTWARE, AMPHISOFT, LOWE'S INDIA, ZOHO, HITACHI, National Instruments, XWORKS, Every India LITS Golbal, Texas Instruments, Synopsys, UI Path, Tantragyan Solution, Avin System, Accord Software, Eyry India, Graphene Health, First American, Mind Teck., Vodafone, Qualitest, Eton Solution, Tricon Infotech, Smart Soc Solution, Quest Global Pragathi Automation, Infinite Computers, BiBox, Avin Systems,

No. of placement offers: : 129



# Department of Computer Science & Engg./ Computer Science & Engg. (Data Science)

Programmes offered	Year of Establishment
B.E. Computer Science & Engg.	1980
B.E. Computer Science & Engg. (Data Science)	2023
M.Tech. (CS & E)	1999

#### **Special Features**

- Qualified and experienced staff.
- Recognized as Research center by V.T.U leading to Doctoral and M.Sc(Engg) Degrees.

No. of Guides	Ph. D. Awarded	M.Sc. (Engg.) Awarded	Ph.D. Pursuing
06	16	02	29

- Well equipped Computer laboratories.
  - Windows Lab Lab I Logic Design & Micro Processor Lab
  - Linux Lab
     Lab II
     Research Lab

LAN Lab - Lab III
Internet Lab - Lab IV

- Well stacked department library having about 1800 books
- Organizes various Technical / Curricular / Co-curricular programmes under the banner of COSMOS—Departmental Forum, ANVESHANA
  - Technical Fest, and AVISHKAAR A State level Technical Symposium
- Organizes AICTE/ISTE sponsored International/National Conferences/Seminars / FDP / STTPs.
- Undertakes software consultancy.
- Maintains college website.
- Publishes Newsletter COSMO BYTE periodically.

#### B.E. CS & E: Final Year Pass percentage during the last 3 years:

Year	2020-21	2021-22	2022-23
%ge	98.53	99.29	94.93

**Teacher Student Ratio** : 1:20

No. of Faculty Members: 24

Professors: 04; Assoc. Prof.: 02; Asst. Prof.: 18

JNNCE Hand Book 30



No. of Non-Teaching Staff Members: 08 Technical Staff: 06; Supporting Staff: 02

**Faculty Profile** 

Ph.D.: 07; Ph.D. Pursuing: 12, Post Graduate: 05

**Experience of Faculty** 

5 to 10 years : 2; More than 10 years : 22 Details of individual faculty members

S.N.	Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1.	Dr. Jalesh Kumar	Professor & HOD	M.Tech., Ph.D.	25.0
2.	Dr. NirmalaShivanand.	Professor	M.Tech.,Ph.D.	35.0
3.	Dr. Poornima K.M.	Professor	M.Tech.,Ph.D.	24.0
4.	Dr Manjula G. R.	Professor	M.Tech.,Ph.D	25.0
5.	Dr. Ravindra S.	Assoc.Prof.	M.Tech.,Ph.D.	15.0
6.	Dr. Sankhya N. Nayak	Assoc.Prof.	M.Tech.,Ph.D	23.2
7.	Ganavi M.	Asst.Prof.	M.Tech.,(Ph.D)	18.0
8.	Vedananda D.E.	Asst.Prof.	M.Tech.,(Ph.D).	18.8
9.	Dr. Benakappa S.M.	Asst.Prof.	M.Tech.,Ph.D	18.7
10.	Sreedevi S.	Asst.Prof.	M.Tech.	17.5
11.	Thaseen Bhashith	Asst.Prof.	M.Tech.	28.0
12.	Hiriyanna G.S.	Asst.Prof.	M.Tech. (Ph.D)	17.0
13.	Manohar Nelli V.	Asst.Prof.	M.Tech.	17.0
14.	Sathyanarayan S.	Asst.Prof.	M.Tech. (Ph.D)	17.0
15.	Sowmya D.	Asst.Prof.	M.Tech.,(Ph.D)	16.0
16.	Narendra Kumar S.	Asst.Prof.	M.Tech.,(Ph.D)	17.8
17.	Sandeep B.	Asst.Prof	M.Tech. (Ph.D)	13.0
18.	Sushma R.B.	Asst.Prof	M.Tech.,(Ph.D)	13.0
19.	Chakrapani D.S.	Asst.Prof	M.Tech.	13.0
20.	Ayesha Siddiqa	Asst.Prof	M.Tech.	13.0
21.	Pushpa R.N.	Asst.Prof.	M.Tech. (Ph.D)	14.0
22.	Namitha M.V.	Asst.Prof	M.Tech.,(Ph.D)	12.0
23.	Nandish M.	Asst.Prof	M.Tech.,(Ph.D)	9.0
24.	Mohan HG.	Asst.Prof	M.Tech.,(Ph.D)	9.0



#### Industrial Consultancy, Research and Development (Last 4 Years)

Total Amount of research grants received (in lakhs of Rupees) : 30.8

No.of papers published in International journals : 164

No.of papers presented in International Conferences/Seminars : 44

No.of papers presented In National Conferences/Seminars : 16

No.of Training Programme / Short Term Courses conducted : 12

No.of workshops/FDPs attended : 363

#### Placement Record for the Academic year 2022-23

TCS,SLK SOFTWARE,CRIMSON LOGIC, Advanced India, TATA ELXSI, GBOXZ TECH, ROBOSOFT TECH,TAYANA SOFTWARE, WIPRO, COGNIZANT, INFOSYS, LOWE'S INDIA,VIRTUSA, QUINNOX,NTT DATA,ETHNUS, LEKHA WIRELESS Controls, Starmark Software, Tech Mahindra, Infogain, Capagemini, First American, Donlaw, Eccord Software, Birla Soft, Betsol, Graphene Health, First American, Tricon Infotech,, Tietoivry, Mind Teck., TATA Elxsi, Quest Global, Qualitest, Eton Solution, Delta X, Stratogent Technology, Vunet, Infinite Computers, Sonata Software, BiBox, Robot Space, Swink Pay-Finpech

No.of placement offers: :155



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

Year of Establishment : 1999

Programme Offered : B.E. Information Science & Engg.

#### **Special Features**

- · Qualified and experienced staff
- Well equipped Computer laboratories
  - ISE Lab1
     ISE Lab2
     ISE Lab3
     Project Lab
- Well Stacked department library having about 1000 books
- Organizes various technical programmes under the banner of INSIGHT Departmental Forum
- Organizes AICTE/ISTE sponsored National conferences/ Seminars / workshops
- Manages Campus network of the college
- Conducts special sessions by inviting renowned people from industries for preparing students with "In-demand skills for an on demand world"
- MOU with Reputed companies.
- Technical students club and IEEE students chapter for Industry ready learning.

#### Final Year Pass percentage during the last 3 years:

Year	2020-21	2021-22	2022-23
%ge	89.00	95.00	98.06

**Teacher Student Ratio:** 1:20

No. of Faculty Members: 21

Prof.: 02; Assoc. Prof.: 04; Asst. Prof.: 15;

**No. of Non-Teaching Staff Members :** 07 Technical Staff : 06 ; Supporting Staff : 01

**Faculty Profile** 

Ph.D.: 06; Ph.D. Pursuing: 09, Post Graduate: 06

Experience of Faculty More than 10 years: 21



#### Details of individual faculty members

S.N.	Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1	Dr. R Sanjeev Kunte	Professor & HOD	M.Tech, Ph.D	25.3
2	Dr. Jyothi K	Professor	M.Tech, Ph.D	26.3
3	H. K. Pradeep	Assoc. Prof.	M.Tech	33.0
4	Rashmi R	Assoc. Prof.	M.Tech	22.0
5	Dr. Raghavendra R. J	Assoc. Prof.	M.Sc.( Engg), Ph.D	25.0
6	Dr. Pavan Kumar M.P	Assoc. Prof.	M.Sc. (Engg), Ph.D	14.0
7	Dr. Samara Mubeen	Asst. Prof.	M.Tech, Ph.D	25.0
8	Vishwas C. G.M	Asst. Prof.	M.Tech, (Ph.D)	20.3
9	Sowmya G.V	Asst. Prof.	M.Tech, (Ph.D)	20.5
10	Sudeep Manohar	Asst. Prof.	M.Tech, (Ph.D)	17.3
11	Syed Aftab Ahamed	Asst. Prof.	M.Tech,(Ph.D)	16.3
12	Satyanarayana K.B	Asst. Prof.	M.Tech	15.0
13	Akshay M J	Asst. Prof.	M.Tech,(Ph.D)	14.0
14	Pavan M	Asst. Prof.	M.Tech, (Ph.D)	14.0
15	Sharath Kumar S.R	Asst. Prof.	M.Tech	13.7
16	Chethan G.S	Asst. Prof.	M.Tech, (Ph.D)	13.0
17	Suchetana H.C	Asst. Prof.	M.Tech	15.0
18	Prathima L	Asst. Prof.	M.Tech	13.0
19	Dr. Deepa V.B	Asst. Prof.	M.Tech , Ph.D	13.0
20	Girish Mantha	Asst. Prof.	M.Tech, (Ph.D)	17.0
21	Arun Kumar P	Asst. Prof.	M.Tech, (Ph.D)	13.5

Industrial Consultancy, Research and Development (Last 4 Years)

Industrial Consultancy, Research and Development (during the past 4 years )
Total Amount of research grants received (in lakhs of Rupees) :7.7
No. of papers presented in International conferences/ seminars :21
No. of training programmes / Short term courses conducted :54
No. of papers published in International journals :69
No. Of FDPs attended :180
No.of KSCST sponsored final year students' projects in 2022-23 :02
No.of VTU sponsored final year students projects in 2022-23 :01

#### Placement Record for the Academic year 2022-23

TCS,SLK SOFTWARE,CRIMSON LOGIC, Advanced India, TATA ELXSI, GBOXZ TECH, ROBOSOFT TECH,TAYANA SOFTWARE, WIPRO, COGNIZANT, INFOSYS, LOWE'S INDIA,VIRTUSA, QUINNOX,NTT DATA,ETHNUS, LEKHA WIRELESS Controls, Starmark Software, Tech Mahindra, Infogain, Capagemini, First American, Donlaw, Eccord Software, Birla Soft, Betsol, Graphene Health, First American, Tricon Infotech,, Tietoivry, Mind Teck., TATA Elxsi, Quest Global, Qualitest, Eton Solution, Delta X, Stratogent Technology, Vunet, Infinite Computers, Sonata Software, BiBox, Robot Space, Swink Pay-Finpech

No.of placement offers: : 129



#### Department of Electronics & Telecommunication Engineering

Year of Establishment : 2000

Programme offered : B.E. Electronics &

Telecommunication Engineering

#### **Special Features**

- Qualified and experienced staff
- Well equipped laboratories
  - Analog & Digital Electronics Lab
     Communication Lab
  - Microprocessor & Microcontroller Lab Computer Center
- Well stacked department library having about 2000 books
- Organizes various technical programmes under the banner of department forum - TELEGMA/ IETE Students Forum (ISF).
- Publishes Newsletter TELEGMA
- Manages Remote Centre for IIT, Bombay and organizes workshops/ FDPs for students & staff.
- Recognised as a Nodal Centre for the project E Yantra: a Robot based Project initiated by IIT, Bombay

#### Final Year Pass percentage during the last 3 years :

Year	2020-21	2021-22	2022-23
%ge	97.70	100	88.75

**Teacher Student Ratio:** 1:15

No. of Faculty Members: 10

Professor: 02; Associate Prof.: 01; Asst. Prof.: 7

No. of Non-Teaching Staff Members: 04 Technical Staff: 03; Supporting Staff: 01

**Faculty Profile** 

Ph.D.: 04; Ph. D. Pursuing: 03; Post Graduate: 03

Experience of Faculty More than 10 years: 10



#### Details of individual faculty members

S.N.	Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1	Dr. Surendra S.	Professor & HoD	M.Tech, Ph.D	31.0
2	Dr. Ushadevi M. B	Professor	M.Tech, Ph.D	28.0
3	Madhukar C. S	Associate Professor	M. E.	24.0
4	Harisha S. B	Assistant Professor	M.Tech, (Ph.D)	21.5
5	Dr. Ashwini S. R	Assistant Professor	M.Tech, Ph.D	21.5
6	Dr. Shashi Kiran S	Assistant Professor	M.Sc (Engg.), Ph.D	27.0
7	Aparna	Assistant Professor	M.Tech, (Ph.D)	18.0
8	Madhusudhan G	Assistant Professor	M.Tech, (Ph.D)	21.5
9	Rashmi M. Hullamani	Assistant Professor	M.Tech	13.0
10	Anand Raj S. N	Assistant Professor	M.Tech	15.0

Industrial Consultancy, Research and Development (Last 4 Years)

No. of KSCST projects sanctioned	: 6
No. of papers published in International Journals	: 21
No. of papers Presented in International Conferences/Seminars	: 03
No. of workshops/FDPs attended	: 56
No. of workshops/FDPs conducted	: 03
No. of conferences conducted	: 01
KSCST sponsored project (2022-23)	: 02

#### Placement Record for the Academic year 2022-23

TCS, TCS NINJA, DIAMBLER, FIRST AMERICAN PRIVATE LIMITED, VODAFONE TCS, SLK SOFTWARE, WIPRO, TATA ELXSI, INFOSYS, BOSCH, QSPIDERS, CRIMSON LOGIC, ETHNUS, ROBOSOFT TECH, CADENCE, COGNIZANT, Attra Tech, NTT DATA, HERAIZEN TECH, TECH FORTUNE, LEKHA WIRELESS, Tech Mahindra, SYNFINITY, CSS Corp, ROBOSOFT TECH, TAYANA SOFTWARE, AMPHISOFT, LOWE'S INDIA, ZOHO, HITACHI, National Instruments, XWORKS, Every India LITS Golbal, Texas Instruments, Synopsys, UI Path, Tantragyan Solution, Avin System, Accord Software, Eyry India, Graphene Health, First American, Mind Teck., Vodafone, Qualitest, Eton Solution, Tricon Infotech, Smart Soc Solution, Quest Global Pragathi Automation, Infinite Computers, BiBox, Avin Systems,

No.of placement offers: 39



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

Year of Establishment : 2021

Programme offered : B.E.- Al & ML.

#### **Special Features**

- Qualified and experienced staff.
- Well equipped Computer laboratories.
  - AlLab
     ML Lab
     DL Lab
- OrganizesAICTE/ISTE sponsored International/National Conferences/ Seminars.
- Undertakes software consultancy.
- Maintains college website and college Email System.
- Involved in the development of College Automation System called JAMS in collaboration with Dept. of CSE
- Developed a software for automation of academic activities for National Pharmacy College, Shimoga
- Has established a Center of Excellence on "Development of NLP and Full Stack Applications" with Graphene Health Tech Pvt. Ltd. Bangalore
- Has established an MoU with IBM Skill Builds to offer internship and placement opportunities to the student
- An active professional student chapter in association with ACM called JNNACM and a vibrant department forum called "FACLONi" to encourage students to inculcate technical, soft and life skills.
- Has established an MoU called El-Learn with Ekathva Innovations Pvt. Ltd. for offering certification courses on emerging technologies and hands-on internship activities to the students in collaboration with Dept. of CSE
- Offering technical consultancy to MAMCOS and Kuvempu University in collaboration with Dept. of CSE
- Development of an AI enabled Chatbot service integrated with college website.
- 4 projects have been selected for funding of 2.5 lakhs from New Gen IEDC, Central Govt.
- 2 patents have been published

**Teacher Student Ratio:** 1:20



No. of Faculty Members: 3

Professor: 01; Associate Prof.: 01; Asst. Prof.: 01

No. of Non-Teaching Staff Members: 02

Technical Staff: 01; Supporting Staff: 01

**Faculty Profile** 

Ph.D.: 02; Ph. D. Pursuing: 01;

#### **Experience of Faculty**

More than 10 years: 03

#### Details of individual faculty members

S.N.	Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1.	Dr. Chetan K.R.	Professor & HOD	M.Tech., Ph.D.	18.9
2.	Dr. Ashwini J.P.	Associate Professor	M.Tech., Ph.D.	18.0
3.	Sayyed Johar	Asst. Professor	M.E., (Ph.D)	13

#### Industrial Consultancy, Research and Development (Last 1 Years)

Total Amount of research grants received (in lakhs)	:	20	
.No. of papers published in International journals	:	04	
No. of papers presented in International Conferences/Seminars	:	03	
No. of papers presented in National Conferences/Seminars	:	02	
No .of workshops/FDPs attended	:	30	
No. of New Gen IEDC projects sponsored in 2022-23	:	04	
Number of patents published	:	02	



#### **Basic Sciences & Humanities**

- The departments of Basic Sciences & Humanities have qualified and experienced staff with well equipped labs.
- The departments of Basic Sciences & Humanities regularly organises CET awarness programme for B.E. aspirants
- VGST funded Environment Radioactivity Measurements Lab Facility and NES sponsored Nano science & Nonmaterial Lab are functioning under Physics Dept.
- The Dept. of Chemistry takes up consultancy work of Domestic & Industrial water quality testing.
  - ★ Involved in extension activity like guiding M.Sc./B.E. project work
- The department of mathematics is undertaking VGST funded Project approved under RGS-F scheme.
- The Dept. of Chemistry has been recognised as Research Centre by VTU, Belgaum. No. of Guides: 02; Ph.D. Pursuing: 01; Ph.D. Awarded: 05
- The Dept. of Physics has been recognised as Research Centre by VTU
   No. of Guides: 02; Ph.D. Pursuing: 02; Ph.D. Awarded: 04
- Dept. of Mathematics has been recognized as Research Centre by VTU |
   No. of Guides: 03; Ph.D. Pursuing: 02; Ph.D. Awarded: 01
- Humanities Dept. has Technical English Language lab:
  - ★ Organizes Personality Development activities like Speech, Group Discussion & Communication Skill related activities on a regular basis
  - ⋆ Organizes activities related to placement.

No. of Faculty Members: 17

Professors: 03; Assoc. Prof.: 03; Asst. Prof.: 09; Guest Lecturers: 02

**No. of Non-Teaching Staff Members :** 04 Technical Staff : 02 ; Supporting Staff : 02

Faculty Profile : Ph.D.: 9; Ph.D. Pursuing: 03; Post Graduate: 05

**Experience of Faculty** 

Less than 5 years: 01; 5 to 10 years: 04; More than 10 years: 12

#### APPLIED MATHEMATICS DEPARTMENT

#### **Details of individual faculty members** S.N. Name of the Faculty Designation Qualification Exp.(Yrs) Dr. Nirmala T. Prof. & HOD M.Sc., Ph.D. 32.0 2 | Sridhara Adiga Assoc. Prof. M.Sc. 35.0 Shaila S. Bhat Asst. Prof. M.Sc. 31.0 4 Anil S.C. 27.0 Asst. Prof. M.Sc., (Ph.D.) Bhaqyalakshmi K. Asst. Prof. M.Sc. 20.0 6 | PandithGiri Mohan Das Asst. Prof. M.Sc., M. Phil (Ph.D.) 18.0 7 Dr. Gurupadavva Ingalahalli M.Sc. Ph.D.. 11.0 Asst. Prof. 8 Dr. Krishnamurhy M.R. Asst. Prof. M.Sc. Ph.D.. 8.0

#### APPLIED PHYSICS DEPARTMENT

#### Details of Individual Faculty Members

S.N.	Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1.	Dr. B.N. Anandaram	Prof.& Head	M.Sc., Ph.D	31.8
2.	Dr. Rajaprakash H.G.	Associate Prof.	M.Sc.,Ph.D	21.0
3.	Dr.Anantha S. Nayak	Asst. Prof.	M.Sc., Ph.D.	7.0

#### APPLIED CHEMISTRY DEPARTMENT

**Details of Individual Faculty Members** 

S.N.	Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1.	Dr. M.H. Moinuddin Khan	Prof. & Head	M.Sc., Ph.D.	20.5
2.	Dr. H.P. Sachin	Associate Prof.	M.Sc., Ph.D.	19.0
3.	Bindu Pavan V.	Asst. Prof.	M.Sc. (Ph.D)	12.2
4.	Dr. Chethan S.G.	Asst. Prof.	M.Sc. Ph.D	7.0

#### **HUMANITIES DEPARTMENT**

S.N.	Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1.	Yuvaraj N.	Guest Lecturer (English)	M.A.(English) M.Ed. M.Sc. (Phychology)	2.0
2.	M C Manjunath	Guest Lecturer (Kannada)	M.A. ( Kannada)	5.0

#### Industrial Consultancy, Research and Development (Last 4 Years)

Total Amount of research grants received (in lakhs)	: 7.5
No. of papers published in International journals	: 79
No. of papers published in National journals	: 07
No. of papers presented in International Conferences / Seminars	: 15
No. of papers presented in National Conferences / Seminars	: 13
No. of Training Programmes / Short Term Courses/	
Seminars conducted	: 07
No. of conferences organised	: 04
No. of Training Programmes attended	: 104



#### **Department of MCA**

Year of Establishment : 1995

Programme offered : Master of Computer Applications (2yrs course)

#### **Special Features:**

Qualified faculty with experienced in academics and research.

- Well-equipped laboratory.
- Separate Library facility
- Structured course with emphasis on fundamentals and advanced subjects like DBMS, Computer Networks, C++, Java, J2EE, .NET, Software Engineering, Data Mining, Digital Image Processing and Mobile Computing, Android, Python etc. to motivate and equip students for the future challenging world.
- Department organizes various inter collegiate technical fest like 'UGFEST', and 'INCREDIBLE-PGFEST', various workshops, technical talks, student-industry interaction, PGCET Training Programme and placement activities.
- Placement training includes Communication skills, Leadership skills, Aptitude skills, Career Planning, Presentation/Interview skills, Advanced Technical Skills, IT Related Expert Sessions, Project Management Skills and Mock Sessions.

#### Final Year Pass percentage during the last 3 years:

Year	2020-21	2021-22	2022-23
%ge	92.00	100	100

**Teacher Student Ratio:** 1:20

No. of Faculty Members: 9

Professor.: 1; Assoc. Professor.: 02; Asst. Professor: 06

No. of Non-Teaching Staff Members: 03 Technical Staff: 02; Supporting Staff: 01

**Faculty Profile** 

Ph.D.: 4; Ph.D. Pursuing: 05;

Experience of Faculty More than 10 years: 9



JNNCE Hand Book

#### **Details of Individual Faculty Members**

S.N.	Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1	Dr. Prabhudeva S	Prof. & Director	MS, Ph.D	33
2	Dr. Sunitha G P	Assoc. Prof.	MCA, M.Tech, Ph.D	24
3	Santhosh S G	Assoc. Prof.	MCA (Ph.D)	24
4	Dr. Raghavendra S P	Asst. Prof.	MCA, Ph.D, KSET	20
5	Dr. Hemanth Kumar	Asst. Prof.	M.Sc (CS) Ph.D	18
6	Manjunatha H T	Asst. Prof.	MCA (Ph.D)	13
7	Arun Kumar K L	Asst. Prof.	MCA (Ph.D)	13
8	Adarsh J Mahendrakar	Asst. Prof.	MCA (Ph.D)	18
9	Prashant Ankalkoti	Asst. Prof.	MCA (Ph.D)	13

#### Industrial Consultancy, Research and Development (Last 4 Years)

No. of papers published in International journals	: 62
No. of papers published in National journals	: 01
No. of papers presented in International Conferences / Seminars	: 26
No. of papers presented in National Conferences / Seminars	: 06
No. of Training Programmes/Short Term Courses Conducted	: 30
No. of workshops/FDPs attended	· 110

#### Placement Record for the Academic year 2022-23

Capgemini, Qualitest Pvt. Ltd., Infosys, ITHorizon, Hexaware, Worksbot, Kodnest, Ethnus, PentagonSpace, Qspiders, Turing Minds, Xworks, Partian Technologies, Skolar Teachnook, Swinkpay Prntech.

No. of placement offers: : 35



#### **Department of Management Studies**

Year of Establishment: 1996

Programme Offered : Master of Business Administration (MBA) - 2yrs Course

#### Special Features

Qualified and experienced staff

- Has Well-furnished Classrooms & Auditorium, Well-stacked Library with more than 8497 volumes, 1000+ back volumes and 25+ Indian and foreign journals & periodicals.
- Well-equipped Computer Centers with free internet facility.
- Recognized by VTU as a Research Centre to offer Ph.D.

No. of Guides	Ph.D Awarded	Ph.D. Pursuing
7	12	19

- More than 200 Faculty publications
- Has so far bagged 11 University Ranks
- Emphasis on Building Competence and Character; Focus on 100% Results, Personal and
- Professional Skills Development, Employability & Placement
- Rigorous & rewarding training in conceptual & practical aspects of business administration, through tests, assignments, seminars, GD, Viva-voce, market & field surveys, business plan etc.
- Special coaching & counseling for needy students.
- Continuous Career Guidance and Assistance from experienced Faculty
- Extensive Pre-Placement training and assistance
- MOUs with professional agencies to provide Training in Soft Skills and Placement assistance
- Various Forums & Programmes for Extra-curricular activities & Corporate Exposure like:Guest Lectures by industry and academic experts, Industry-Institute Interface Initiatives, Add-onCourses, Activity Cells, Management Club, House Journal, Seminars & GD, Special programmes & lectures by faculty, Organizational Studies, Market Surveys, Internship, IndustrialTours & Visits, 'Partnering-with-Parents', BSR (B-School Social Responsibility) Initiatives, 'Utthana'-Arts & Literary Forum, Daily Poll, etc.
- Highly supportive Alumni Network

#### Final Year Pass percentage during the last 3 years :

Year	2020-21	2021-22	2022-23
%ge	87.6	81.35	98.3

Teacher Student Ratio: 1:21
No. of Faculty Members: 11



Professors: 01; Assoc. Prof.: 01; Asst. Prof.: 09;

No. of Non-Teaching Staff Members: 03 Technical Staff: 01; Supporting Staff: 02

Faculty Profile:

Ph.D.: 08; Ph.D. Pursuing: 01, Post Graduate: 02

**Experience of Faculty** 

5 to 10 years: 02; more than 10 years: 9

#### **Details of individual faculty members**

S.N	. Name of the Faculty	Designation	Qualification	Exp.(Yrs)
1	Dr. C. Srikant	Prof. & Director	M.B.A., Ph.D.	26
2	Dr. Santhosha	Assoc. Prof.	M.B.A., Ph.D.	18
3	C.K. Anuradha	Asst .Prof. & Student Counsellor	M.A.(Psy)	26
4	Dr. P.S. Subhadra	Asst .Prof.	M.B.A., Ph.D.	21
5	Dr. Vikrama D K	Asst .Prof.	M.B.A., Ph.D.	17
6	Dr. B.V. Srinivasa Murthy	Asst .Prof.	M.B.A., Ph.D.	21
7	Dr. Vikram V.	Asst .Prof.	M.B.A., Ph.D.	18
8	Praveen Kumar B H	Asst .Prof.	MBA, M.Com (Ph.D)	07
9	Dr. G P Nagesh	Asst .Prof.	M.B.A., Ph.D.	18
10	Dr. Harsha C Mathad	Asst .Prof.	MBA, M.Phil, Ph.D	12
11	Divya S P	Asst .Prof.	PGDBA, PGDCE, NET(Management)	09

#### **Industrial Consultancy, Research and Development (Last 4 Years)**

No. of papers published in international journals	: 47
No. of papers published in National journals	: 11
No. of papers presented in International Conferences / Seminars	: 27
No. of papers presented in National Conferences / Seminars	: 20
No. of conferences organized	: 01
No. of Training Programmed / Short Term Courses conducted	: 75
No. of workshops/FDPs attended	: 75
No. of books published	: 18

#### Placement Record for the Academic year 2022-23

Mycaptain, HFFC, Freshers Profile, Able, Rinex, Immensphere, Seventh Sense, Teachnook, Bhoomi Hamez,

No. of placement offers: : 95



#### **Training & Placement Cell**

#### Activities:

- Phase wise training from First year to final year.
- Technical Training for Pre-final and final year students.
- Training program for pre-final & final year students on General Aptitude, Technical aptitude, Communication Skills, Interview Skills, Group Discussion etc.,
- Training through Soft Skill lab
- Organizing need-based upgrading skills for teaching and non-teaching staff.
- Organizing & coordinating Alumni Forum activities.
- Organizing introductory seminar relating to Higher Education in India and abroad and also on competitive examinations.
- Arranging Campus Interviews in the college to place the maximum no. of students.
- Conducting Mock Tests, Mock Interviews
- Invite Top-notch IT Companies & Core Industries to recruit our talented students to full fill their career dreams.
- Organizing special lectures by distinguished speakers from Industry.
- Organizing passport Mela for facilitating students to obtain passport.
- Signed MOU with ICT Academy, Edunet Foundation to conduct FDP, Skill Development Program and certification courses for Students and Faculties.

#### **Placement Offers**

Year	2020-21	2021-22	2022-23
No.of placement offers	531	694	633

TCS WIPRO INFOSYS CAPGEMINI TEXAS INSTRUMENTS tietoEvry India Tech Mahindra SLK SOFTWARE CRIMSON LOGIC SYNOPSYS TATA ELXSI SOCIETTE GENERALE BETSOL Birla Soft ROBOSOFT Daimler Truck	QUALITEST GROUP     SecPod Technologies     Infinite Computers     YOKOGAWA     GRAPHENE HEALTH     ASMAITHA TECHNOLOGY     SMART SOC SOLUTIONS     SONATA SOFTWARE     Brigosha Technologies     VIRTUSA     Attra Tech     First American     NITT DATA     ZENSAR     BOSCH     OSPIDERS	PROLIFICS FION SOLUTIONS QUEST Global Coditas Technologies MResult FIHNUS TECH FORTUNE CAD VISION SUBEX UTS GLOBAL TVS Supply Chain TRICON INFOTECH IDEA INFINITY Stratogent Technology Services Intellipaat Software	VUNET Open-Silicon LEGAL DESK KODNEST FEDERAL BANK EverestIMS Technologies TANTRAGYAAN EPIROC MINING Danlaw Microland Ltd Persistent Systems Edelweiss General Insurance Aloha Technology Avin System Raja Software
BETSOL     Birla Soft     ROBOSOFT	<ul><li>NTT DATA</li><li>ZENSAR</li><li>BOSCH</li></ul>	IDEA INFINITY     Stratogent Technology     Services	Insurance     Aloha Technology     Avin System

#### Staff:

S.N.	Name of the Faculty	Designation	Qualification	Exp. (Yrs)
1	Dr. C. Srikant	Advisor	Ph.D, MBA(HR)	27.0
2	Dr. Ashwini J.P	Director	M.Tech, Ph.D	22.0
3	Sunil M.D	Joint Director	M.Tech, (Ph.D)	19.0
4	Suresh G.	TPO	B.E.(Mech), PGD(HRM), MBA(HR)	32.0
5	Sharath S.	Asst. Instructor	MBA(HR)	7.0
6	Basavaraja H.	Attender (Sr.Sc)	P.U.C	21.0



# Milestones of JNNCE: 2022-23 Major Activities

#### Programs organized at the Institution level

- 1. Graduands Day for Outgoing Batch 2023 was organized on 09-06-2023.
- 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, Banglore 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.
- 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. 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

#### **Faculty Development Programs / Workshops**

- 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.
- 3. One week FDP on "Hydro-Geological Engineering" was organized by Department of Civil Engineering during 22.8.2022 to 26.8.2022.



#### **Student Enrichment Programs**

#### **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. Invited talk on "Job Opportunities in Power Sector" presented by Mr. Chaithanya G N and Mr. Suresh K on 31.05.2023.
- 4. Industrial visit to Kaiga Nuclear Power Plant was organized on 20.05.2023
- 5. Organized industrial visit to Kadra Power House on 19.05.2023
- 6. Five days workshop on "Building Wiring and electrical controls" was conducted from 13.03.2023 to 17.03.2023
- 7. One day industrial visit was arranged for 3rd sem students to "SGR transformer Industry" by on 14.02.2023.
- 8. One day industrial visit was arranged to "Shimul plant" on 14.02.2023.
- 9. SDP on "Introduction to Python Programming" was organized on 19.01.2023.
- 10. Industrial visit to Main Receiving Station, Shivamogga: A Study of Switchgears, GOS, Transformers, Earthing Etc., was organized on 17.01.2023.



- 11. One day Hands on Student Development Program on "Introduction to MATLAB and SIMULINK" was organized on 16.01.2023.
- 12. SDP on "Bio Fuel Technologies and Renewable Energy Sources" was conducted on 13.01.2023 by EEE department.
- 13. Organized SDP on "Organic Farming, Waste management and water conservation" on 11.01.2023
- 14. "Roof Top Solar Photo Voltaic Power Generation" one day SDP was organized on 09.01.2023
- 15. Industrial visit to Linganamaki & Gerusoppa Hydro Power Plant was held on 24.12.2022
- 16. "Scope and Present Scenario of Entrepreneurship in India" was presented by Mr. Nikhil Bhaskar on 23.12.2022
- 17. Expert talk on Energy and Environment by Dr. K T Hanumanthappa was organized on 16.12.2022
- 18. 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 4th 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 6th 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
- 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 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**

- 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 TALKS**

Topic	Speaker	Dept.	Date
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
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
Importance of Deep     Foundations for Civil     Engineering Structures	Dr. Manjunatha K	CIVIL	20/10/2022
7. Career Opportunities	Mr. Mahaveer Jain		30/05/2023
8. Students Journey from College to Industry	Sri. Damodar Baliga and Sri. Ankit Divekar	MECH	14/03/2023
Mechanical Engineering     Association Activities 2022-2     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)	Ms. Divya M G Joint Director, CDAC, Bangalore	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 proje proposals – Best Practices	ct Ms. Divya M G Joint Director, CDAC, Bangalore	ECE	13.3.2023
16. Linear Algebra and it's Application on Signal Processing	ns Dr. B. R. Shankar, Professor, NITK Surathkal.	ECE	03/02/2023
17. Importance of VLSI and industry applications-Testin and Verification	Sagar R P	ECE	10/12/2022
18.2 Days Student Entrepreneurship Bootcamp	Mr. Vishnu Nagaraj	ECE	20/10/2022

Торіс	Speaker	Dept.	Date
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. Inauguration of INSIGHT	Mr. Jeevan C S	ISE	27/12/2022
29. Career 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. Career Guidance and Placement Opportunities	Mr. Srivathsa M A	ETE	27/12/2022
37. Blood donation awareness and blood grouping	Dr. Ashwini S R. Sri Dharanindra Dinakar	ETE	10/12/2022
38. Internship and Placement opportunities for ETE/ECE/EEE students in VLSI and associated industries	Mrs. Tejaswani Mahalingam	ETE	20/09/2022
39. Voice of Customers- Entreprenurship Journey	Mr. Koushik Udupa	AIML	03/03/2023



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



#### 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
- 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
- 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.
- Bio-fuel Research, Information & Demonstration Centre (BRIDC) organised World Bio-fuel Day- 2022 on 17.09.2022 in association with Sandeepani English High School Shivamogga
- 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.
- 13. JNNCE NSS Units regularly conducts inspection of RO plants installed in Shimoga District.

#### **Achievements in sports**

#### A. Inter University achievements:

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



#### **B. 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

#### C. Individual achievements:

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



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

JNNCE Cultural Team -EKYAM of 34 Students participated in **22**<sup>nd</sup> **VTU Youth Festival** - "YUVOTHSAVA-2023" hosted and organized by Nagarjuna College of Engineering and Technology, Chikkaballapura from 29th March to 1st April 2023

#### Medal list

SI.No.	Event	Prize		
1.	Folk Dance-	Gold		
2.	Classical Dance solo	Gold		
3.	Folk orchestra	Silver		
4.	Collage	Silver		
5.	Installation	Bronze		
6.	On spot painting	Bronze		
7.	Rangoli	Bronze		
8.	Clay modelling	Bronze		
9.	Non percussion	Bronze		

#### **Dignitaries Visit to JNNCE**

Name of the Dignitary	Designation & Organization	Date
Ms. Divya M G	Joint Director, CDAC, Bangalore	13.03.2023
Dr. S. Vidyashankar	Honorable Vice Chancellor VTU, Belgaum	04.03.2023
Dr. B N Suresh	Chancellor of Indian Institute of Space Science and Technology, Thiruvanantapuram	23.01.2023
K. L. Shivani (Distinguished Alumni)	Deputy director Communication and Control Centre Area(CCCA), ISRO Telemetry Tracking & Command Network (ISTRAC), Govt. of India	03.12.2022
Dr. Deepthi K Prasad (Distinguished Alumni)	Manager, R&D, Forus Healthcare Pvt Ltd. Bangalore	17.12.2022

PLACEMENT DETAILS 2023 BATCH												
SI. No.	Companies Name	Total Selected	МСА	MBA	CSE	ISE	ECE	ETE	EEE	МЕСН	CIVIL	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	SECPOD	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



SI. No.	Companies Name	Total Selected	МСА	MBA	CSE	ISE	ECE	ETE	EEE	MECH	CIVIL	Salary in Rs
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	Intellipaat 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	776	145	33	155	129	129	39	43	78	29	





#### National Education Society®

#### JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING SHIVAMOGGA – 577 204



### V.T.U RANK HOLDERS- 2021-22











4th VIDYASHREE R

ROOPA K.R.

5" IMPANA R. Department of CSE

VIDYA M P Experiment of Management Station

UMME ASMA Department of MCR

Hearty Congratulations

National Education Society Management, Head of the Departments, Staff & Students

Sri. S N Nagaraja Secretary, NES Dr. Manjunatha P Dean Academics, JNNCT Dr. K Nagendra Prasad Principal, JNNCE

Rank Holders 2021-22



Rank Holders 2022-23







# MBA Dept. - NBA Visit









# **Dept. Forum Activities**



Inter-Intra Institutional Internship for 3rd semester students from 11th to 15th November 2022-Mech. Dept.



Powertron-EEE Dept.



Telegma-ETE Dept.



Spectrum-ECE Dept.

# ISR Activities



Dr H.B. Suresh & Chethan S.G. Demonstration for the Govt High school Students Komanalu Village. (25.06.2022)





Mr Lokeshappa. Demonstration for the Gram panchayat women SIG Group association With Asare Center for Rural Development \*(07.07.2022)

## **ISR** Activities





World Bio-fuel Day- 2022





World Bio-fuel Day-2022 Quiz Competition prize distribution





Mr Lokeshappa. U. Demonstration for the Gram panchayat women SIG Group association With Chaitanya Rural Development Society\* (13.10.2022)







logga, Kamataka, India International Yoga Day - 2022

School Bell Activity at Basavanaganguru





NOVA Trust Visit under BSR-Distributed Rice, fruits, Mattress, Pillow, Diapers worth Rs. 20,000



Civil Engg. students cleaned and painted Government School at Channamumbapura

## Student Enrichment Programs



AIML-Expert talk by Koushik R. Udupa, Ekathva Innovations



Civil- Mr. Hitesh Prasad from ACC Cements delivered a Invited talk to the Students



Civil-Environmental Day Celebration



Civil-hands on Training on Synchro And Sydra Software



Civil-Road safety and traffic rules



Felicitation to Arun U and G Ajay Kumar Bagguri -M. Tech. Students of TE & M - Workshop on Design of Highways using Civil 3D Software.

Student Enrichment Programs



CSE-Anveshana-2023-A **Technical Symposium** 



CSE-SDP on Explore the World of Java



**ECE-Inauguration of** Mysterio 3.0



MBA-Industrial Visit to Jayadeva Rice Mill



ISE-Invited talk on Al by Mr. Srivatsa Dixit (Alumni-2003) @ NES Habba



MBA-Malenadu Vaibava

Student Enrichment Programs



MBA-Two Days Workshop on Neuro Linguistic Programming



MBA-Utthana-2023-National Level UG Fest



MCA-Tech Crunch -UG Fest-2023



Mech. Engg. -Technical Paper Presentation competition for students



Civil Engg. -Visit to Shivamogga Airport

Student Enrichment Programs





Civil-Applicator's Training Programme on "Water Proofing for Civil Contractors".





association with MBA & MCA Department

# **Parents Meet**



First Year BE Parents Meet



**Parents Meet-ECE** 



**Parents Meet-EEE** 



**Parents Meet-ISE** 

# **Sports Activities**



Mukambika 7th sem Civil Engg. Won Bronze Medal-VTU State level Power lifting tournament



Divish Raj O 7th sem, CSE Represented South Zone Inter University Badminton Men tournament 2022-23



Men Badminton Tournment: Winners



Men Football Tournment : Winners



Men Hockey Tournment: Winners



Winners



**BCCI Under 15 Years Cricket** Women One day Tournament Handball Men Tournament @ JNNCE



VTU Central Karnataka Zone @ JNNCE

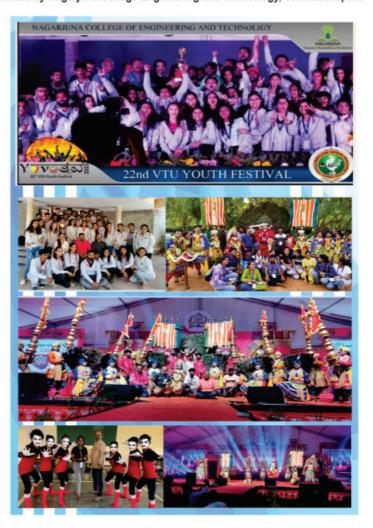
# Gilmpses of Janvey 2023





# 2<sup>nd</sup> Runnerup Trophy to JNNCE team in 22<sup>nd</sup> VTU Youth Festival- 'YUVOTHSAVA-2023'

Hosted by Nagarjuna College Engineering and Technology, Chikkaballapura









# Women's Day Celebration 2023





Amrutha Kreedotsava-NES Amrutha Mahothsava Event



Graduands Day-2023



First Year BE Orientation Programme 2022-23





# **Details of Technical and Supporting Staff Members**

# **Department of Civil Engineering**

S.N.	Name	Designation	Exp. (Yrs.)
1.	Venkatesh M.R.	Foreman (SI.Gr.)	39.0
2.	Avinash Jain M.	Asst. Instructor	7.6
3.	Raghavendra S.	Lab Asst.	10.6
4.	Manjunatha N	Attender (Sr.Sc.)	24.6
5.	Umesh M.	Helper	14.6
6.	Sunila G.D.	Mechanic	10.6
7.	Rashmi M.S.	Lab Asst./STP Supervisior	2.0
8.	Kumara D.N.	Tech. Helper	15.6

# **Department of Mechanical Engineering**

S.N.	Name	Designation	Exp. (Yrs.)
1.	H. Gopalappa	Foreman (Sr.Sc.)	28.6
2.	Vikrama	Instructor (Sr.Sc.)	37.6
3.	Subhash Gondkar	Instructor	18.6
4.	Nagendra H.S.	Instructor (Jr.Sc.)	28.6
5.	Gangadhara S.	Instructor (Jr.Sc.)	19.6
6.	Manjunatha Shetty S.	Assistant Instructor	20.6
7.	Gururaj C.	Assistant Instructor	30.0
8.	Basavaraj H.	Assistant Instructor	16.3
9.	Gopinath S.	Assistant Instructor	12.0
10.	Avinash A R	Assistant Instructor	9.6
11.	Manja Naik H.	Lab Assistant (Sl.Gr.)	40.0
12.	Manjunatha S	Lab Assistant (Sr.Sc.)	23.0
13.	Naveena Kumar M.	Mechanic	11.6
14.	Arun G Bhadri	Mechanic	5.3
15.	Shantha Kumar M	Attender (SI.Gr.)	26.6
16.	Chandrappa K.	Attender (SI.Gr.)	25.6
17.	Doreraju B.	Attender	20.6
18.	Ganesh C	CMS	27.6

# **Department of Electrical & Electronics Engineering**

S.N.	Name	Designation	Exp. (Yrs.)
1.	Chandrashekar S.	Foreman (Sl.Gr.)	37.6
2.	Shambulinga S J	Instructor	16.6
3.	Srikanth P.R	Assistant Instructor	26.6
4.	Rajath L.	Instructor (Jr.Sc.)	7.3
5.	Hanumanthappa K	Attender (SI.Gr.)	25.6
6.	Vinay Varma S.K.	Mechanic	9.6
7.	Ramesha B.	Mechanic	5.5

# **Department of Electronics & Communication Engg.**

S.N.	Name	Designation	Exp. (Yrs.)
1.	Veeresh H.C	Foreman (Sl.Gr.)	34.6
2.	Ravi Shet V	Instructor (Sr.Sc.)	21.0
3.	Satish Kumar H G	Instructor (Sr.Sc.)	21.0
4.	Badrish K P	Instructor (Jr.Sc.)	19.6
5.	Ramyashree M.	Assistant Instructor	5.4

# **Department of Electronics & Telecommunication Engineering**

S.N.	Name	Designation	Exp. (Yrs.)
1.	Sanjay R.K.	Assistant Instructor	16.0
2.	Nuthan Kumara M. U.	Assistant Instructor	7.6
3.	Parvathamma G.	Mechanic	18.0
4.	Noorulla K.	Attender	20.6

# **Department of Computer Science & Engineering**

S.N.	Name	Designation	Exp. (Yrs.)
1.	Harish Kumar A.C.	Instructor (SI.Gr.)	27.2
2.	Umashankar N	Instructor (Sr.Sc.)	25.6
3.	Venkatesha N C	Instructor (Sr.Sc.)	20.11
4.	Ashwath A H	Instructor	17.3
5.	Arati Tikare	Instructor	17.6
6.	Shivamurthy. N	Lab Assistant (Sl.Gr.)	31.6
7.	Annappa C	Attender (SI.Gr.)	25.6
8.	Shivaprasad B H	Peon	15.6



# **Department of Information Science & Engineering**

S.N.	Name	Designation	Exp. (Yrs.)
1	Usha B	Instructor	17.8
2	Anil Kumar	Instructor	16.7
3	Pavan V D	Instructor (Jr.Sc)	13.8
4	Raghavendra K	Instructor (Jr.Sc)	13.4
5	Pallavi Baliga J P	Instructor (Jr.Sc)	13.4
6	Beerappa N	Lab Assistant (Sr.Sc)	29.0
7	Yuvaraja D Y	Attender (SI.Gr.)	21.6

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

S.N.	Name	Designation	Exp. (Yrs.)
1.	Anand	Asst. Instructor (Temp.)	
2.	Raghavendra B.N.	Attender	23.6

# **Department of Master of Computer Applications (M.C.A.)**

S.N.	Name	Designation	Exp. (Yrs.)
1.	Sudhir N	Instructor	18.6
2.	Suresh G N	Instructor	16.6
3.	Nagaraja A U	Peon	15.6

# **Department of Management Studies (M.B.A.)**

S.N.	Name	Designation	Exp. (Yrs.)
1.	Murali S.M.	Instructor (Sr.Sc.)	23.6
2.	Chandran R.E.	Attender	20.6
3.	Kumara R.	Attender	20.6

## **Basic Sciences**

#### a.APPLIED PHYSICS DEPARTMENT

S.N.	Name	Designation	Exp. (Yrs.)
	Shivakumara G.C.	Instructor (Jr.Sc.)	17.6
2.	Haleshappa M.	Lab Assistant (Sr.Sc.)	24.6

#### **b. APPLIED CHEMISTRY DEPARTMENT**

S.N.	Name	Designation	Exp. (Yrs.)
1.	Thanuja B.K.	Asst. Instructor	5.3
2.	Ranganatha S.D.	Attender (SI.Gr.)	27.6



#### **OTHER STAFF**

Ramesh K T S.T.P. Plant Operator Byrappa A R S.T.P. Plant Operator



# **Library and Information Centre**

 Computerized library provided with e-lib iNEXT Web based Library Software, Provide the Internet & Bar coding facilities.

Total Volumes: 125695
 Total Titles: 15919

National Journals: 23

GHeneral Magazines: 12
 Online Journals: 2500 +

#### **Library Timings:**

9.30am to 5.30 pm for Lending section

❖ 9.30am to1.30pm & 2.30pm to 5.30pm for GBB Section

8.00am to 8.00pm for Reference section

❖ 9.00am to 5.00 pm for reference section on General Holidays during Examination

#### Facilities:

- E-Lib iNext Web Version is used to lend books through bar coding
- Book issued to students for 15days
- No.of Books Issued to students: UG: 3, PG: 4
- General Book Bank: Each student can keep books till the end of the Semester
- SC/ST Book Bank: Each SC/ST student can take 02 books in a Semester.
- Topper quotes: Class topers are given additional books, on recommendation from HoD of concerned department
- General books/ Newspaper/Periodicals/ box for competitive exams.lke GRE
- Civil services, Tofel. Gate.
- NPTEL & NDL Services available.
- Digital Library facility available: On line e- Journals are accessible under VTU Consortium & DELNET
- Inter library loan (DELNET) and Internet Services.
- ❖ For more information visit the website: libinfo.jnnce.ac.in

#### Staff:

S.N.	Name of the Staff	Qualification	Designation	Exp. (Yrs.)
1	Chandrakant R. Bhat	MLIS., M.Phil	Librarian	30.6
2	Satish, K.T.	MLIS., M.Phil., PGDLAN	Asst. Librarian	26.6
3	Shivaswamy Jois H C	B.Sc, B.Ed, MLIS	Asst. Librarian	28.6

#### SUPORTING STAFF MEMBERS

1	Jayaram M	PUC DLISc	Lib.Asst (SL.Gr)	25
2	Rajashekarappa R H	PUC	Lib.Asst (SL.Gr)	22
3	Bharathkumar B M	PUC	SDA	8
4	Rudresh L	SSLC	Attender (SI.Gr)	21
5	Deepak V Dinakar	SSLC	Lib.Helper	7
6	Bharathi K		CMS	13
7	Rakhi S.V.	PUC	Helper	5



# **Sports and Physical Education**

#### **FACILITES:**

# In-Door Sports

- Table Tennis
- 24 Station Multi-Gym and weight lifting facility
- Wrestling and Judo
- Carrom and Chess
- Wooden Badminton court

# Out-Door Sports: Multi purpose play ground, used for the following events

- 400 Mtrs tracks (Grass surface with 8 lanes),
- Football Ground, Cricket (70 Yard turf ground), Hockey

#### Other Facilities

- Hand Ball Court
- Volley Ball Court
   Basket Ball Court
- Ball Badminton
- Kabaddi
- Throwball
- Kho-Kho

College is participating in all VTU Sports and Cultural competitions.

Staff:

S.N.	Name of the Faculty	Designation Exp. (Yrs)		
1.	Chetan A.V.	Physical Education Director	M.P.ED., KSET (P.hD)	12
2.	N.H.Parameshwara	Sports Asst.		35
3.	M. Malthesh	Sports Peon		28
5.	Balu	CMS		15
6.	Anappa A.C.	CMS		12
7.	Sarojamma	CMS		8
8.	Rathnamma J L	CMS		6
9.	Lalithamma C	CMS		5

Sports Events organised for the year 2022-23

7	sports Events organised for the year 2022 20					
SI No	Name of the tournament / Events	Held on /From				
1.	"Patriotic RUN" on the event of Republic Day on 26th Jan 2022	22-01-2022				
2.	"Hutatma Din"	31-01-2022				
3.	Gandhi Jayanthi & Lal Bhadhur Shastri Jayanthi	02-10-2022				
4.	VTU Central Karnataka zone Hockey Men tournament	10-11- 2022				
5.	VTU Central Karnataka zone Handball Men tournament	10-03-2023 & 11-03-2023				
6.	VTU Central Karnataka zone Football Men tournament	5-12-2022 & 6-12-2022				
7.	BCCI Under – 15 Years women – One day tournament	26-12-2022 to 1-01-2023				
8.	NES Amrutha Kridostava	4-4-2023 9-4-2023.				
9.	Annual day sports events	2022-2023				



#### Hostel

#### Facilities:

- Four Boys' Hostels in the Campus Total Capacity 744.
- · Spacious "Annapurna" mess for boarding.
- Two Girls hostel off the campus, with total capacity of 450.
- Girls' hostel provided with a reference library, internet and bus facility
- Guest rooms for parents and other visitors on payment subject to availability.
- TV, security, GYM/Sports, Transport facility.
- Mediclaim benefit for students up to Rs. 50,000/- on hospitalisation.

#### Wardens:

Shanthi Kiran M. Asst. Prof. Dept. of Mechanical Engg.

Smt. Anuradha C.K.
 Dr. Deepa V.B.
 Asst Prof., M.B.A. Dept
 Asst. Prof. Dept. of ISE

Sl.No.	Staff	Designation	Exp.	Contact Nos.
1	Sathish M.	Resident Warden (Boys Hostel)	4	9479374177
3	Rudresha H P	Attender	27	9663835367
4	Suresha N	Maintenance - Boys Hostel	23	9739604158
5	Nagaraja S	Room boy - Krishna	27	9008676204
6	Manjunatha B R	Room boy - Sharavati	09	8722580286
7	Ranganatha	Room boy - Tunga	16	8217023547
8	Varalakshmi D	Matron Ladies Hostel	07	8618728312

# Mess Timings:

Breakfast : 7.30 AM to 9.00 AM Lunch : 12.30 PM to 2.00 PM Dinner : 7.30 PM to 9.00 PM

# Students are strictly informed to note the following and follow accordingly.

- Boys Hostel gate is closed between 9.00 p.m. to 6.00 a.m.
- Girls Hostel gate is closed between 8.00 p.m. to 6.00 a.m.



# **Center for Innovation & Entrepreneurship (CIE)**

Center for Innovation & Entrepreneurship (CIE) was started in the year 2018 to jointly run various Platforms/Programs at JNNCE with the Support of various Govt. Departments & agencies, Universities, Institutions, Industries, Startups, NES Management, JNNCE Faculty, Alumni & Students. CIE aims to create innovation, startup & Entrepreneurial ecosystem at JNNCE and in & around Shivamogga by providing all the required facilities like incubation support, startup space, Mentors connection, Support on IPR & Startup Registration, Investors Connection, assistance in building Business plan, Financial Projection, team building, product launch, marketing, scale-up etc., CIE Also provides platform to setup Development Centers & Centers of Excellence by various startups, Industries, Agencies & MNCs at JNNCE Campus.

NewGen IEDC: National Science and Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology (DST), Government of India has started New Generation Innovation and Entrepreneurship Development Centre (NewGen IEDC) at JNNCE in 2018 to "promote knowledge based and technology-driven start-ups by harnessing young minds and their innovation potential in an academic environment". Students will be encouraged to take up innovative projects with possibility of commercialization. Few amongst the "Job-Seekers" would be converted to "Job-Generators" through the entrepreneurial route. 10 innovative projects in Batch-1 (2019-20) have been completed and for Batch-2 (2020-21) 15 projects are selected recently in which each project team will get upto Rs. 2.5 Lakhs funding support to undergo their projects. Further, during 2021-22, fourteen projects have been selected.

New Age Innovation Network (NAIN) Centre: Department of Electronics, IT, Bt and S & T, Government of Karnataka has started "New Age Innovation Network" Centre, a K-Tech Innovation Hub at JNNCE in 2014 to build startup & business ecosystem in and around Shivamogga. Innovative Project proposals will be invited from JNNCE students, Alumni, Research Scholars & the public every year. For Top 10 innovative ideas, there will be a funding of upto Rs. 3.00 Lakhs per Project. Best 43 innovative projects in Batch-1 (2015-16), Batch-2 (2016-17), Batch-3 (2017-18) & Batch-4 (2019-21) have been funded to a maximum of Rs. 3.00 Lakhs per project. 15 Projects have been uploaded to the NAIN portal for selection. The selection process is ongoing and results are awaited.

**JNNRIC:** JNNCE Research & Innovation Centre aims to nurture innovation and encourage entrepreneurial talents among students, faculty and people of the region, and to facilitate inter-disciplinary research and coordinates with Incubation Center to bring up start-ups and promote budding entrepreneurs. JNNRIC might include research proposals addressing the Agricultural Technology, Renewable Energy and Energy Conservation System ICT for Socially relevant problems. JNNRIC will



assist students Faculty, staff and students to boost the research and Innovation by way of funding to a certain extent (seed money) every year as follows:

SI. No.	Project type	Funding/ Project (INR)	No. of projects	Total Funding (in INR)
1	Innovative Project	Up to Rs. 25,000/-	10	2,50,000
2	Research & Innovation Project	Up to Rs. 50,000/-	7	3,50,000
3	Research Project	Up to Rs. 1,00000/-	9	9,00,000

JNNCART: Centre for Agriculture & Rural Technology, a Centre for Appropriate and Agricultural Technologies was setup at JNNCE with the objective of serving farming community and other people of the Malnad region. Students will be motivated to address problems faced by the farmers through innovative, cost effective farming implements as a part of their project work as prescribed in academic curriculum. CART nurtures innovation, and encourages entrepreneurial talents among students, faculty and people of the region to help agricultural needs of the farmers. It facilitates inter-disciplinary research and coordinates with incubation centre to bring up start-ups and budding entrepreneurs.

CART aims to Encourage students and faculty for innovation, idea generation and product development, Provide seed fund to transform an idea into a product, Arrange workshops for students to create awareness in the field of agri-based entrepreneurship, Help with the patenting process, Inspire and support staff and students to achieve their potential and meet the challenges of society, Facilitate development of at least two innovative products that are socially relevant.

JNNCE-MHRD Institution's Innovation Council: In association with MHRD's Innovation Cell (MIC) of AICTE, CIE JNNCE is working towards establishing an Institution's Innovation Council. Institution's Innovation Council (IIC) at the Institute is a unique model based on Hub-Spoke and coherence approach to align with the innovation and entrepreneurship promotion and support programs are being organized by various departments and ensures round the year activities in the campus for effective engagement, learning and practicing innovation and entrepreneurship among students and faculty community. Ideally, the Institution's Innovation Council is a faculty-led but student-centric body formed by the institute with the active representation of entrepreneurial faculties, students and experts representations from regional ecosystem enablers, pre-incubation and incubation centers within and outside the institute and work in synergize manner towards to provide a platform to encourage, inspire and nurture young students by exposing them to new ideas and process of resulting in innovative activities & entrepreneurial in their formative years.



Intellectual Property Cell (IP Cell): In association with KSCST and VTPC CIE JNNCE is working towards establishing an IP Cell to provide all required information & guidance on IPR to Students, Alumni, Faculty, Research Scholars, Innovators, Startups, Companies, Industrialists, Academic Institutions & Universities in and around Shivamogga.

Entrepreneurship Cell (E-Cell): In association with E-Cell IIT Madras, CIE JNNCE has established an E-Cell with the objective to develop spirit of Entrepreneurship among the students, to motivate students towards self-employment and entrepreneurship, to blend technical skills of students with entrepreneurial skills to convert their innovative ideas into enterprise. Activities of this cell include Conducting Awareness Programmes, Skill Development Programmes, Workshops, Business Plan Competitions, Boot Camps, Entrepreneurial Talks, Mentoring Students, taking up innovative projects, Assisting in getting financial support, Company Incorporation, IPR etc., for Startups.

**Technology Activities & Programs(TAP):** A club of passion driven young students excelling together, either be it in the process of creating innovations, be it being active & rebellious dreamers in turning real time challenges prevailing in academics & to develop an individual in all possible ways by learning & sharing the skillsets. TAP is a knowledge sharing & knowledge gaining platform for all the interested students from different streams & semesters which helps every individual student to be an out-of-the-box thinker which helps to do innovative projects. Here the students can conduct group activities, undergo projects etc., Ideas/Projects developed from TAP teams will be supported by other platforms for further development & commercialization.

## Startups under CIE:

- Ekathva Innovations Pvt. Ltd. was started in July 2018 by Mr. Vikas H C & team from NAIN first batch.
- Synoleum Renewables Pvt. Ltd. was started in July 2020 by Mr. Shashank R C & Mr. Manjunath R Singh from NAIN second batch.

# **Development Centres under CIE:**

- 1. Artificial Intelligence Centre of Excellence by Qualitas Technologies Pvt. Ltd., Bangalore
- 2. RootsGoods Development Centre by RootsGoods OPC Pvt. Ltd.
- Sunrise Digital Media Development Centre by Sunrise Digital Media Pvt. Ltd.
- 4. Ventalyst Development Centre by Ventalyst Pvt. Ltd.
- 5. Silfra Tech Development Centre by Silfra Technologies Pvt. Ltd.



Many other Innovators, Project Teams, Startups, MSMEs & Companies are in discussions and are in pipeline to setup Startups, Development Centers & Centers of Excellence at JNNCE under CIE.

#### For further details Contact:

#### Mr. Arun Kumar K.L.

Asst Prof. Dept of MCA

Coordinator

New Age Innovation Network Centre

J N N College of Engineering, Shivamogga

Contact No: 9964069744

Email id: arunkumarkl@jnnce.ac.in

#### Dr. Manjunatha P

Professor, Dept. of ECE and Dean-Academics

College Coordinator, NAIN Centre

Contact No: 9964378365

Email ID: manjunath p@jnnce.ac.in

#### Dr. Basappaji K.M.

Professor, Mechanical Engg. Chief Coordinator, NewGen IEDC

Contact No: 9886139971

Email ID: bas km@jnnce.ac.in

## Dr. E Basavaraj

Professor and Head, Dept. of ME

Co-Ordinator, JNNCART Contact No: 9448344199

Email ID: ebasavaraj@jnnce.ac.in

#### Dr. Karthika B S

Professor and Head, Dept. of CE

Convener, JNNRIC

Contact No: 9008420322

Email ID: karthik@jnnce.ac.in



# New Generation Innovation and Entrepreneurship Development Centre $\underline{Innovative\ Projects\ Batch\ (2022-23)}$

SN	Project Title	Project Guide/Mentor	Team member
01	Fabrication of Areca Plate Making Machine using Swing Mechanism	<b>Dr. Ravi Kumar B N</b> Asst.Prof, ME Dept	Shashanth Shetty Mohammed Bilal
02	Multifunctional AI Based Robot	<b>Dr. Amith Kumar .S.J</b> Asst.Prof, ME Dept	Rahul M P SUMUKH RAJ RAHUL N PREETHAM D
03	FPO Management App	Ms. Prema K N Asst.Prof, ECE Dept	Varma H G Shreya H C
04	Pre-Tempering Areca Sheath in Controlled Environment	<b>Dr. Ravi Kumar B N</b> Asst.Prof, ME Dept	Anup Hegde Areeb Ahmed
05	AGrowW – An intelligent Precision Farming toolkit for farmers	<b>Dr. Chetan K R</b> Professor – AIML Dept.	Varsha A S, Shastika T Hegde, Tanusha G Hosur, Sofiya Saraff Asif
06	Automated Smart farming using Solar Panel	<b>Dr. Samara Mubeen</b> Asst.Prof, ISE Dept	Ruchitha R Sarji Nandan Telkar K Satwik Pai Shaziya Nikhath Khanum
07	AlEmosense -Depression Detection and Face Recognition Using Emotional Artificial Intelligence and Machine Learning	<b>Dr. Chetan K R</b> Professor – AIML Dept.	Deshmanth A, Srujan Y B, Hitesh K, Shabarish B L, Sathwik P
08	IoT based Farm Level, Farm Specific, Micro-Weather Station for Small farmers	<b>Dr. Sheela S</b> Asst.Prof, ECE Dept	Yuvaraj C S Purushottam N Ananya S Nayak Anushree M G
09	Swasthya – A cognitive AI application for querying and analyzing Electronic Health Record to provide effective patient engagement.	<b>Dr. Chetan K R</b> Professor – AIML Dept.	NithinKumar S N, Saishri B L
10	Cato Smart Locks Enabled by AloT	<b>Dr. Chetan K R</b> Professor – AIML Dept.	J K Kruthi, Brinda P, Ayesha Siddique, Yogeshwari M, Syeda Hussain Fathima

SN	Project Title	Project Guide/Mentor	Team member
11	Farm Bot App	<b>Mr. Chakrapani</b> Asst. Prof., CSE Dept.	
12	Design Optimization of Areca Nut Dehusking Machine for Improved Efficiency and High Production Rate	Asst.Proi, ME Dept	Abhisheka M Johnson Babu Y Anish G Prakash Syed Adnan Kashif



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru–560012
Website:www.kscst.org.in||Email:spp@kscst.org.in||Tel:080-23341652,23348848/49/40

46<sup>th</sup> Series of Student Project Programme (SPP):2022-23

# List of Student Project Proposals Approved for Sponsorship

SN	Project Title	Dept.	Name of the Guide(s)	Name of the Student(s)
1.	COST EFFECTIVE ESTIMATION OF HYDROPHOBIC SAND AT THE FIELD SCALE	CIVIL	Mrs. CHAYA D.Y Mr. CHETHAN S G	Ms. SINCHANA B.G Ms. ROJA B.C Ms. B.N ROJA Ms. M.R JAIVIKA
2.	HAND GESTURE RECOGNITION AND TEXT VOICE CONVERSION FOR DEAF AND DUMB	CSE	Mr. NARENDRA KUMAR S	Mr. Prajwal m dixit Mr. Prashanth Patel G P Ms. Priya G E Ms. Shubhashree T S
3.	EV CHARGING SYSTEM THROUGH MINI VERTICAL WIND MILLS FOR SMART CITY	EEE	Mr. VIDYASHANKAR M	Ms. YASHASWI SAGAR D Ms. VEDAMURTHY V K Mr.MOHAMMEDYUSUFKHAN Ms. APRAMEYA M S
4.	IOT BASED INTELLIGENT OUTDOOR AQUAPONICS WITH AUTOMATED GROW LIGHTS	EEE	Ms. SUPRITHA M R	Mr. SHREENIVASM NADIG Mr. SIDDESH G R Mr. LINGANANDA GALI Mr. SIDDARTH G S
5.	SMART FARMING USING MULTI-FUNCTIONAL AGRIBOT	ECE	Ms. PREMA K N	Mr. KARTHIK B S Ms. VEDASHREE G L Ms. POOJA B S Ms. U RAKSHA
6.	ACTIVE BATTERY MANAGEMENT SYSTEM	ECE	Mr. SUNIL M D	Mr. RAGHAVENDRA G Mr. PRABHANJANA M N Mr. SANDEEP SWAMY P S Mr. SKANDA R NAIDU
7.	WOMEN SAFETY NIGHT PATROLLING ROBOT	ECE	Ms. NALINA S B	Ms. INCHARA P Ms. HARSHITHA L Mr. AKASH B SHETTY Mr. AJITH A M



SN	Project Title	Dept.	Name of the Guide(s)	Name of the Student(s)
8.	AUTONOMOUS LITTER DETECTION AND COLLECTION ROBOT	ECE	Ms. SHWETHA B	Mr. NITHISH S KUMAR Mr. NITHIN A M Mr. SHASHANK G NAIK Mr. SHIVAPRAKASH G M
9.	GOUSHALA - A LIVESTOCK MANAGEMENT USING AWS IOT	ETE	Mr. Benak Patel M P	Ms. R R SHRIYA Mr. ANJAN D S Mr. HARSHA J Ms. SMRITI K VANTKAR
10.	SWASTHA NARI - AUTOMATIC SANITARY NAPKIN VENDING MACHINE	ETE	Prof. ANAND RAJ S N	Ms. ANVITHA K M Ms. BHOOMIKA H S Ms. BHOOMIKA T Y Ms. KAVYA N NAIK
11.	PNEUMONIA DETECTION IN COVID AFFECTED PATIENTS	ISE	Mr. SAYED AFTAB AHAMED Mr. GIRISH MANTHA	Ms. CHETHANA L Ms. ASHA S M Ms. BHAVANA K S Ms. CHAITHRA T M
12.	MUSIC RECOMMENDER FOR COVID-19 PATIENTS USING FACIAL EMOTION	ISE	Dr. JYOTHI K	Mr. DHANUSH NAVUDA K R Mr. NIKHIL J SANU Mr. PARIKSHITH J Mr. PRAMOD R NADIG





Established: 2006

#### **Objectives of the Center are**

- To create awareness about the environmental impact of conventional fuels among the public.
- To create awareness about the usage of renewable energy sources.
- To communicate the importance of energy saving and its methodologies.
- To carry out research and development activities on eco-friendly technologies.

#### The typical activities that are being carried out in this center are

- 1. Offering technical guidance on
  - Solar water heater and solar PV system installation
  - Rain water harvesting
  - Eco friendly house construction
  - Installation of Kitchen waste gas plant
- 2. Production and marketing of biodiesel and by products.
- 3. Demonstration of Gasifier system for heating and electricity generation
- 4. Carrying out awareness programs on various environmental issues and usage of green technologies
- 5. Carrying out research on green technology devices and systems
- 6. Guiding students in carrying out projects

## The center has following system for demonstration

1. Solar cookers



- 2. Solar street lamp
- 3. Bio mass gasifier with Gas Engine for power generation..
- 4. High efficiency chulas
- 5. Hand operated water Pump
- 6. Rain water collection pond
- 7. Wind-Solar hybrid system
- 8. Biodiesel unit
- 9. Kitchen waste gas plant
- 10. Waste plastic to Oil unit
- 11. Phyto remediation system
- 12. Bio compost production unit

Around 20 awareness and training programs are conducted every year for NGO's, school and college students and farmers. Bio diesel and it's by products like cake, hand wash, floor wash are produced and marketed. Bio compost is sold to farmers.

The green initiatives of the center are reported in print and visual media extensively. BBC Discovery channel has covered the activities of our center in its Change maker's series.

# **Bio-fuel Information and Demo Center**

District bio fuel information and demonstration center, JNNCE, Shimoga has been established in June 2011 by Karnataka State Biofuel Development board, Govt. of Karnataka, Bangalore.

# Information center study, promote and demonstrates:

- Information of Biofuel and & identification of various oil sources
- Agronomic practices for these sources
- Post-harvest technologies, treatment & users of oil.
- R&D and extension services
- · Purchase oil seeds from farmers.
- Entreprenuership activity to setup Biofuel Unit
- Link with NGO, SHG and other eco communities
- Reaserch activities for B.E., M.Tech. and M.Sc., Chemistry students and offers Intership for M.Sc. students.



**Transportation** 

Chairman	Rabinandan J.	Asst Prof., Dept. of Civil Engg.				
Transport Supervisor	Santhosh Kumar	7026225505				
Transport Maintenance	Neelakanta M E	92439 92119				

Staff:

Stai	Staff:									
S.N.	Name of the Staff	Designation	Phone No.							
1. 2.3. 4. 5. 6.7. 8. 9. 10. 1. 12. 13. 14. 15. 6.7. 8. 9. 10. 1. 12. 13. 14. 15. 6.7. 8. 9. 10. 1. 2. 22. 22. 22. 22. 23. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3	Savitha Satyanarayana Shivakumar H S Neelakanta M E Paramashivappa H S Ashok D C Ramesh G Nanjundeshwara M Mohammed Nasarulla Kumar T Srinivas Murthy T Ashoka S Yogendrappa K M Subhash Kshtriya K H Kiran Kumar T Nagaraja N Selvadore D'Mello Girisha N David D'Mello Nagesh M B Manjunatha K Chikkanna Gowda D Haleshappa H M Pradeep K M Kanthesh B Francis P Revanaiah M Santhosh Kumar Ravi R Srikantha A O Ramakrishna D D Sudhakara D Mahendra Patil C H Aruna Kumar T Rajappa B Y Chidanandaiah M S Jayakumar E Jayakumar N Ganesh N Anjaneya M Veeresh M Ashoka M Nagabhushanaiah Megharaj R G M Kalleshappa Mohan Naik P Sandeep S Satish G S Naveen Kumar L Ganesh R S Sanjay K Anil G R Hemanth Kumar L	Sr. FDA Sr. Conductor Sr. Driver Sr. Driver Sr. Driver Jr. Driver	9886726570 92439 89088 92439 92119 90364 59288 92439 89084 98459 62675 97437 82131 95913 26906 99021 18454 92439 92118 96632 68228 94802 75072 9243998261 99803 15541 99803 15541 99803 17374 98803 28194 96119 21479 97410 80943 9632388360 90352 40190 9880769657 9108891954 99023 97337 99024 76458 96118 73229 99869 04588 96118 73219 99869 04588 96118 73219 99869 04588 99869 0458							



#### **BUS ROUTES**

- The College has provided 35 buses to ferry students from different areas of Shivamogga and Bhadravathi.
- Bus routes and timings are notified by the transportation department.

# **Bus Timings for Academic Year 2023-24**

# Starting Time from first pick up point

Bhadravathi	Shivamogga	Class Starting Time
06:15 AM	07:00 AM	07:30 AM Class
07:15 AM	07:45 AM	08:25 AM Class
09:10 AM	10:00 AM	10:45 AM Class
-	02:05 PM	02:30 PM Class

#### PICK UP POINTS ARE AS BELOW

ROUTE No. 1:Sahyadri College to JNNCE Sahyadri College, Sandal Colony, Mahadevi Theatre, Shankar Mutt, Sheshadripuram, Mahaveera Circle, Kamala Nursing Home, Parvathi Nursing Home, Ashwathnagar, College.
ROUTE No. 2:
ROUTE No. 3:Gopala Gowda Extension to JNNCE Mahindra Show Room, Good Luck Circle, I.T. Office, More Circle, Sagar Road Cross, Katte Subbanna Kalyana Mantapa Cross, Damodara Colony Cross, APMC Road, 60 ft. Road Cross, DVS, I Auto Stand, Laxmi Talkies, Nirmala Nursing Home, Gandhi Nagar, Parvathi Nursing Home, Ashwathnagara, Navule, College.
ROUTE No. 4: Tempo Stand to JNNCE Kamath Petrol Bunk, Tempo Stand, Bus Stand, Mc.Gann Gate, Circuit House Circle, Sharavathi Nagar, 60ft. Road, Vinobanagar 1st Auto Stand, Laxmi Theater, Gandhi Nagar, Parvathi Nursing Home, Navule, College.
ROUTE No. 5: Vinobanagar to JNNCE



Nagar, Parvathi Nursing Home, Ashwathnagara, Navule, College.

Savi Bakery, Kariyanna Building, Professor Park, Kashi Pura Cross, P & T Colony, Police Chowki, DVS, I Auto Stand, Laxmi Talkies, Nirmala Nursing Home, Gandhi

POLITE No. C.
ROUTE No. 6:Gopala to JNNCE Gopal Shetty Koppa Cross, City Bus stop, Double Road Cross, Vijaya Nagara, Droupadamma Circle, Circuit House Circle, Doctors Quarters, Jail Circle, Z.P. Office, Kamala Nursing Home, Parvathi Nursing Home, Navule, College.
ROUTE No. 7:(Only for Girls) Girls Hostel, Navule, College.
ROUTE No. 8:
ROUTE No. 9:Sahyadri Colony to JNNCE Sahyadri Colony, Devraj Urs Badavane, P&T Colony Cross, Police Chowkey, DVS, 1st Auto Stand, Laxmi Theater, Nirmala Hospital, Gandhi Nagara, Parvathi Nursing Home, Ashwath Nagara, Navule, College.
ROUTE No. 10:Karnataka Sangha to JNNCE Karnataka Sangha, S.N. Market, Gopicircle, J.P.N. Road, Ganapathi Temple, Jyothi Garden, Jail Circle, Z.P. Office, Kamala Nursing Home, Parvathi Nursing Home, Ashwath Nagara, Navule, College.
ROUTE No. 11:Bommanakatte to JNNCE (Only for 8:25 AM Class, Departure 01:45 PM & 05:30 PM only) Navule, Govt. Boys Hostel, Bommanakatte Last Bus Stop, Kirti Nagar, College.
ROUTE No. 12:

Shakthi Dhama Entrance Gate, BCM Hostel,

Gadikoppa Bus Stop, Mahindra Show Room, Alkola Circle, Katte Subbanna Kalyana Mantapa Cross, Damodara Colony Cross, APMC Road, 60 ft. Road Cross, I Auto Stand, Laxmi Talkies, Nirmala Nursing Home, Gandhi Nagar, Parvathi Nursing Home, Ashwathnagara, Navule, College.

#### Note:

- The above bus routes & timings are subject to changes.
- Departure timings from the JNNCE campus for Shivamogga Buses.
  - \* Monday to Saturday will be at 12:45 PM, 01:45 PM & 05:30 PM.
- Departure timings from the JNNCE campus for Bhadravathi Buses \* Monday to Saturday will be at 01:45 PM & 05:30 PM.
- Students are to be present 5 mins early at their respective stops.
- Students can to board any bus with the name JNNCE, NPS, NES, and D S Dinakar National Polytechnic.



# **VTU Regulations**

# Highlights of 2022 Scheme for 1st year students

Outcome-Based Education(OBE) and Choice Based Credit System(CBCS) is effective from the academic year 2022-23. The 1<sup>st</sup> year courses include the following:

- SDA-Skill Development Activities
- ASC-Applied Science Course
- ESC-Engineering Science Courses
- ETC-Emerging Technology Course
- AEC-Ability Enhancement Course
- HSMS-Humanity and Social Science and Management Course
- SDC-Skill Development Course
- CIE-Continuous Internal Evaluation
- SEE-Semester End Examination
- IC-Integrated Course (Theory Integrated with Practical)

Student's Induction Program: Provides newly admitted students a broad understanding of society, relationships, and values, along with the knowledge and skill of his/her study, students' character needs to be nurtured as an essential quality by which he/she would understand and fulfil the responsibility as an engineer. This program includes Physical Activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to Local areas, Familiarization with Department/Branch and Innovation, etc.

AICTE Activity Points: These points are to be earned by students admitted to 1<sup>st</sup> year, over and above the academic grades. A student shall earn 100 Activity Points (75 points for lateral entry students) respectively for the award of degree through AICTE Activity Point Program. The Activity Points earned shall be reflected on the student's eighth semester Grade Card. The activities can be spread over the years, any time during the semester weekends, and holidays from the year of entry to the program. Activity Points (non-credit) do not affect SGPA/CGPA and shall not be considered for vertical progression. In case students fail to earn the prescribed activity points, an eighth Semester grade card shall be issued only after earning the required activity points. Students shall be admitted for the award of the degree only after the release of the eighth semester grade card.



**ESC or ETC Courses:** These are 03 credits Courses and have only a theory component or if the nature the of course required experimental learning syllabus shall be designed as an Integrated course. The student has to select one course from the ESC-I group. For example, EEE Students shall opt for any one of the courses from the ESC-I group except, 22ESC142-Introduction to Electrical Engineering and ECE/ETC/BM/ML students shall opt any one of the courses from ESC-I except 22ESC143 Introduction to Electronics Engineering. The students have to opt for the courses from ESC group without repeating the course in either 1st or 2nd semester. The students must select one course from either ETC-I or PLC-I group. If students study the subject from ETC-I in 1st semester, he/she has to select the course from PLC-II in the 2nd semester and vice-versa.

**One credit Courses:** These courses have the SEE of 01-hour duration and the pattern of the question paper will be MCQ.

#### Assessment Details (both CIE and SEE)

The weightage of Continuous Internal Evaluation (CIE) is 50% and for Semester End Exam (SEE) is 50%. The minimum passing mark for the CIE is 40% of the maximum marks. The minimum passing mark for the SEE is 35% of the maximum marks. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/course if the student secures not less than 35% in the semester-end examination(SEE), and a minimum of 40% in the total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together.

# A. Continuous Internal Evaluation (CIE):

- 1. Minimum CIE marks for all theory courses is 40 % of the marks prescribed for CIE.
- For Non-Credit Mandatory Course (NCMC) minimum marks to be scored in 40% of prescribed CIE marks. The courses will not be considered for vertical progression and CGPA Calculation but completion of course is mandatory for award of degree.
- 3. Students satisfying the attendance but failing to secure the prescribed minimum marks shall not be eligible for the SEE.

# B. Semester End Examinations (SEE):

1. SEE is conducted by university for maximum 100 marks and proportionally scaled down to 50 marks.



- 2. For theory and drawing courses, minimum SEE marks to be secured is 35 % of maximum marks i.e., 18 marks.
- 3. For practical/fieldwork, maximum SEE marks is 50 and minimum SEE marks to be secured is 35 % of 50 marks i.e., 18 marks.

Courses with credit	Evaluation	Maximum Marks	Minimum Passing Marks	Evaluation Details		
	Total CIE theory+ Practical	50	20			
	CIE -IA Tests	15	6	Average of Two Internal Assessment Tests each of 15 marks		
04 Credit IPCC	CIE — CCAs	10	4	Any two Assessment methods as per clause 220B4.2 of Regulations (if assessment is project based, then one : assessment method may be adopted)		
	Total CIE Theory	25	10	Scale down marks of tests and assignments to 25		
	CIE Practical	15	6	Conduction of experiments and Preparation of Laboratory records etc		
	CIE Practical Test	10	4	One test after all experiment's conduction for 50 marks		
	Total CIE Practical	25	10	Scale down marks of Expts. record and test to 25		
	SEE	50	18	SEE exam is a theory exam, conducted for 100 marks, scored marks are scaled down to 50 marks		
	CIE+SEE	100	40			
		The minimum marks to be secured in CIE to appear for SEE shall be 10 (40% of maximum marks 25) in the theory component and 10 (40% of maximum marks -25) in the practical component. The laboratory component of the IPCC shall be for CIE only. However, in SEE, the questions from the laboratory component shall be included in their respective modules only.				

03 and 02 Credit Courses	CIE - IA Tests	25	10	Average of Two Internal Assessment Tests each of 15 marks			
	CIE — CCAs	25	10	Any two Assessment methods as per clause 220B4.2 of Regulations (*if it is project based, one assignment shall be given)			
	SEE	50	18	SEE exam is a theory exam, conducted for 100 marks, scored marks are scaled down to 50 marks			
	CIE+SEE	100	40				
	Note: A few of the courses of 03 credits are Integrated Course type, for such courses the method suggested for 04 credits IPCC shall be followed.						
	CIE - IA Tests	25	10	Average Of Two Internal Assessment Tests each of 15 marks			
01	CIE — CCAs	25	10	Any two Assessment method as per clause 220B4.2 of Regulations			
Credit Courses	SEE (MCQs)	50	18	MCQ-type question papers of 50 questions with each question of 01 mark, examination duration is 01 hour			
	CIE+SEE	100	40				

#### SGPA and CGPA

- (i) The University adopts absolute grading system wherein the marks are converted to grades, and every semester results will be declared with Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA). The CGPA will be calculated for every semester, except for the first semester.
- (ii) The grading system with the letter grades and the assigned range of marks under absolute grading system are as given below:

Level	Outstand- ing	Excellent	Very Good	Good	Above Average	Average		Fail
Letter Grade	0	A+	Α	B+	В	С	Р	F
Grade Points (P)	10	9	8	7	6	5	4	0
% of marks secured	90-100	80-89	70-79	60-69	55-59	50-54	40-49	0-39



## Credit Points (CrP) = GP x Credit of the course

A student obtaining Grade F in a Course (subject) will be considered fail and is required to reappear in the subsequent SEE. Whatever the letter grade secured by the student in his /her reappearance shall be awarded. The number of attempts taken to clear courses/s shall be indicated in the grade card.

#### Calculation of SGPA and CGPA

The following expressions is being used to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) respectively:

$$SGPA = \frac{\sum [Course\ Credits\ x\ Grade\ Points]\ for\ all\ the\ courses\ in\ that\ semester}{\sum [Course\ Credits\ x\ Grade\ Points]\ for\ all\ the\ courses\ excluding\ those}$$

$$CGPA = \frac{\sum [Course\ Credits\ x\ Grade\ Points]\ for\ all\ the\ courses\ excluding\ those}{\sum [Course\ Credits\ ]\ for\ all\ the\ courses\ excluding\ those}$$

$$with\ F\ grades\ until\ that\ semester}$$

# Conversion of CGPA into percentage

There is no formula for the conversion of CGPA into the percentage of marks. However, the following formula for conversion of the CGPA on a 10 - point scale into the percentage of marks (M) for employment / higher studies, etc may be used;

Percentage of marks secured, M = CGPA Earned  $\times$  10 Illustration for a CGPA of 8.20: M = [CGPA Earned [8.20]  $\times$  10 = 82.0 %

# **Class Equivalence**

Subsequent to the conversion of final CGPA, after successful completion of the Programme, into percentage of marks (M), a graduating student is reckoned to have passed in

- 1. First Class with Distinction (FCD) if  $M \ge 70\%$
- 2. First Class (FC) if  $60\% \le M < 70\%$ .
- 3. Second Class (SC) if  $50\% \le M < 60\%$ .
- 4. Pass Class (P) if  $40\% \le M < 50\%$ .



#### **Attendance Requirement**

Each semester the candidates have to put in a minimum attendance of 85% in each course with a provision of condonation of 10% of the attendance by the Vice-Chancellor on the specific recommendations of the Principal of the college where the candidate is studying, based on medical grounds, participation in University/State/ National/ International level sports and cultural activities, seminars, workshops, paper presentation etc., of significant value. The supporting documents for condoning the shortage of attendance must be submitted along with the recommendations.

- a) The basis for the calculation of attendance will be the period prescribed by the University by its calendar of events.
- b) For course/s having lecture and tutorial hours, attendance is with respect to 85 % of attendance in lecture hours and 85 % of attendance in tutorial hours. If the attendance requirement is not satisfied in any one of them, the candidate will be considered as not satisfied the attendance condition. Condonation of 10 % can be applied separately to lecture and tutorial hour to make up the deficiency in attendance.
- In case of late admission, approved by competent authority (DTE/VTU), to I semester, attendance will be reckoned from the date of admission to the college.

#### General information

- 1. Students are advised to make best use of the Library reference section during leisure hours.
- 2. Ragging and any other sort of indiscipline in campus / Bus / Hostel will be dealt seriously.
- 3. Parents are informed to be in touch with the institution to know the progress of their ward periodically.
- 4. Mentor scheme exists in the institution in which each faculty member is in-charge of a group of 15 students. Progress reports will be sent to parents periodically through Post/SMS.
- 5. Each department has faculty members who have been trained in student counselling. In case of any problems, students are informed to contact the concerned student counsellor for proper advise and remedial action.
- 6. Parents should encourage their wards to take part in co-curricular and extra-curricular activities, which help in personality development.
- Students must utilize placement training programmes arranged to improve their soft skills.
- 8. Smoking in the college campus and the sale of Tobacco products in an area within a radius of 100 yards of college is strictly prohibited.



# **Important Telephone Numbers**

Name	Designation	Contact Number
Dr. Manjunatha P.	Dean Academics & Principal (I/c)	08182-268800
Dr. B S Karthika	HoD, Civil Engg	9008420322
Dr. E Basavaraj	HoD, Mechanical Engg.	9448344199
Dr. H.B. Suresh	HoD, Electrical & Electronics Engg	9611581458
Dr. S V Sathyanarayana	HoD, Electronics & Communication Engg	9886494150
Dr. Jalesh Kumar	HoD, Computer Science & Engg	9449423361
Dr. R Sanjeev Kunte	HoD, Information Science & Engg	9880496262
Dr. Surendra S.	HoD, Electronics & Telecommunication Engg.,	9900837182
Dr. Chetan K.R.	HoD, AI & ML	8904853880
Dr. C. Srikanth	Director, MBA	9886748944
Dr. S Prabhudeva	Director, MCA	9901041890
Dr. B N Anandram	HoD, Physics	9449573203
Dr. M H Moinuddin Khan	HoD, Chemistry	9448255843
Dr. Nirmala T	HoD, Maths	8073755974
Ms. Anuradha C.K.	Asst. Professor, MBA & Warden	9242789090
Dr. Deepa V.B.	Asst. Professor, ISE & Warden	9986917316
Mr. Shanthikiran M.	Asst. Prof., Mech. Engg & Warden	8904883880
Mr. Rabinandan J	Asst. Prof., Civil Engg. & Chairman, Transportation	6360615114
Mr.Chandrakantha R Bhat	Librarian	9901828845
Mr. G Suresh	Placement Officer	9844072512
Mr. Chetan A V	Director, P E D.	9844520488
Hostel Office Phone Number	Warden	08182-640334



### Admission Committee

	Admission committee				
SI. No.	Name	Designation	Contact No.		
Dr. Surendra S     Co ordinator     Professor & HoD, ETE		9900837182			
Mei	Members				
1.	Dr. M H Moinuddin Khan	HoD, Chemistry	9448255843		
2.	Mr. Narendra Kumar S	Asst. Professor, CSE	9632471667		
3.	Mr. S B Harisha	Asst. Professor,ETE	9686214454		

## Student Counselors

SI. No.	Name	Department	Contact Number
1.	Anuradha C K, Asst. Prof. Coordinator	MBA	9242789090
2.	Sagar H, Asst. Prof.	Civil	9844224781
3.	Dr. Basappaji K. M., Professor	Mech	9886139971
4.	Vidyashankar M, Asst. Prof.	EEE	9538839971
5.	Prema K N, Asst. Prof	ECE	8277324422
6.	Dr. Sankhya Nayak, Assoc. Prof.	CSE	9742914647
7.	Dr. Jyothi K., Professor	ISE	8722723730
8.	Dr. Ashwini S R, Asst. Prof.	ETE	9886433003
9.	Dr. Ashwini J P, Assoc. Prof.	AIML	9686668957
10.	Dr. Anandram B.N. Prof. & HoD.	Physics	9449573203
11.	Shridhar Adiga, Assoc. Prof.	Maths	9886291118
12.	Bindu Pavan, Asst. Prof.	Chemistry	7411823517
13.	Dr. Sunitha G.P., Assoc. Prof.	MCA	7829915422



# Conveners of various Committees

SI. No.	Name of the Committee	Name of the Convener	Designation & Dept.	Contact Number
1.	IQAC	Dr. Jalesh Kumar	Prof. & HoD, CSE	9449423361
2.	Library	Mr. Chandrakanth Bhat	Librarian	9901828845
3.	IT Planning & Monitoring Committee	Mr. Sathyanarayana K.B.	Asst.Professor, I S & E	9902802752
4.	Sports	Mr. Chetan A V	Director, PED	9844520488
5.	Cultural	Mr. Madhusudan G	Asst.Professor, ETE	9538667876
6.	Academic Monitoring Committee	Dr. Sathyaprema	Asst. Prof., Mech. Engg	9036467897
7.	JNNCE Journal of Engg. & Mgt -JJEM Editorial Board	Dr. Basappaji K.M.	Professor, Mech. Engg.,	9886139971
8.	Placement & Training Committee	Dr. Ashwini J.P.	Director, T& P Cell	9686668957
9.	Meritorious Award Committee	Dr. Ashwini S R	Asst. Prof., ETE	9886433003
10.	Research	Dr. Karthika B S	Prof. & HoD, Civil Engg.	9008420322
11.	Admission	Dr. Surendra S	Prof. & HoD, ETE	9900837182
12.	Examination	Dr. Basappaji K M	Professor, Mech. Engg	9886139971
13.	Hostel	Mr. Shanithikiran M.	Asst. Prof., Mech. Engg & Warden	8904883880
14.	JNNCE News Letter	Dr. E Basavaraj	Prof. & HOD, Mech. Engg	9448344199
15.	Mentor scheme	Dr. K. Jyothi	Professor, ISE.	8722723730
16.	Anti Ragging	Dr. S V Sathyanarayana	Prof. & HoD, ECE	9886494150
17.	College Internal Complaint Committee	Dr. Jyothi K	Professor, ISE	8722723730
_18.	Grievance Redressal Cell	Dr. S V Sathyanarayana	Prof. & HoD, ECE	9886494150
19.	Student Counseling Cell	Ms. Anuradha C K	Asst. Prof., MBA	9242789090
20.	Committee for Differently Abled Persons	Mr. Manjunath C	SDA, Accounts Section	9535629182
21.	KSCST - Student Projects Sponsor	Mr. M Ramesh	Assoc. Prof., Mech.Engg	8618178805
22.	Universal Human Value Cell	Dr. Sunitha G P	Assoc. Professor, MCA	7829915422
23.	Anti Sexual Harassment	Dr. K Jyothi	Professor, ISE	8722723730
24.	Alumni Association	Dr. S V Sathyanarayana	Prof. & HoD, ECE	9886494150
25.	NSS	Mr. Anandraj S N	Asst. Professor, ETE	9845579713
26.	SC/ST/OBC Cell	Mr. Ajjanna N G	Asst. Professor, EEE	9686799389
27.	Red Cross Society Cell	Mr. Arun Kumar P.	Asst. Professor, ISE	9743011472



# E-mail IDs

Designation	E-mail ID	
Principal	principal@jnnce.ac.in	
Dean Academics	dean-acad@jnnce.ac.in	
HoD, Civil Engineering	hod_civil@jnnce.ac.in	
HoD, Mechanical Engineering	hod-mechanical@jnnce.ac.in	
HoD, Electrical & Electronics Engineering	hod_eee@jnnce.ac.in	
HoD, Electronics & Communication Engineering	hod_ece@jnnce.ac.in	
HoD, Computer Science & Engineering	hod_cse@jnnce.ac.in	
HoD, Information Science & Engineering	hod_ise@jnnce.ac.in	
HoD, Electronics & Telecommunication Engineering	hod_tce@jnnce.ac.in	
HoD, Artificial Intelligence & Machine Learning	hod_aiml@jnnce.ac.in	
Director, MBA	hod_mba@jnnce.ac.in	
Director, MCA	hod_mca@jnnce.ac.in	
HoD, Physics	hod_physics@jnnce.ac.in	
HoD, Chemistry	hod_chemistry@jnnce.ac.in	
HoD, Maths	hod_maths@jnnce.ac.in	
Placement & Training officer	placement@jnnce.ac.in	
Director of Physical Education	sports@jnnce.ac.in	
HoD, Library & Information Centre	hod_library@jnnce.ac.in	
Internal Quality Assurance Cell	iqac@jnnce.ac.in	
	-	

Dept	Name	E-mail ID
AIML	CHETAN K R	chetankr@jnnce.ac.in
AIML	ASHWINI J P	ashwinijp@jnnce.ac.in
AIML	SAYYED JOHAR	sayyedjohar@jnnce.ac.in
CHEM	MOINUDDIN KHAN M H	drmk@jnnce.ac.in
CHEM	SACHIN H P	drhps@jnnce.ac.in
CHEM	BINDUPAVAN V	vbp@jnnce.ac.in
CHEM	CHETHAN S G	chethansgs@jnnce.ac.in
CIVIL	GANESH PRASANNA S	ganeshp@jnnce.ac.in
CIVIL	NEERAJ S N	snneeraj@jnnce.ac.in
CIVIL	KANCHANA H J	kanchanahj@jnnce.ac.in
CIVIL	BHUVAN KUMAR V S	bhuvanvsugavi@jnnce.ac.in
CIVIL	ANIRUDH N	anirudh.n@jnnce.ac.in
CIVIL	ARUN V	arun.v@jnnce.ac.in



Dept	Name	E-mail ID
CIVIL	SAGAR H	sagarhalappa@jnnce.ac.in
CIVIL	SREENIVASA V	srinivasajetty.v@jnnce.ac.in
CIVIL	CHAYA D Y	suchay20@jnnce.ac.in
CIVIL	AKSHATHA M	akshathasheregar@jnnce.ac.in
CIVIL	BINDIYAK	bindiyak@jnnce.ac.in
CIVIL	ANAND B	anand002@jnnce.ac.in
CIVIL	MOHAMED IBRAHIM N	mohamedibrahim@jnnce.ac.in
CIVIL	DATTATREYA S BHASARI	dattatreya.sb@jnnce.ac.in
CIVIL	SABARESHWARAN S	sabaresh.s@jnnce.ac.in
CIVIL	RAGHURAM K CHINNABANDAR	raghuramkc@jnnce.ac.in
CIVIL	RABINANDAN J	rabinandan@jnnce.ac.in
CIVIL	UMAPATHI	umapathi75@jnnce.ac.in
CIVIL	SHASHIKUMAR M HIREMATH	shashi.m.hiremath@jnnce.ac.in
CIVIL	SRINIVASA PANDITA N	ansp@jnnce.ac.in
CIVIL	KARTHIKA B S	karthik@jnnce.ac.in
CIVIL	NAGENDRA PRASAD	principal@jnnce.ac.in
CSE	MOHAN H G	mohan@jnnce.ac.in
CSE	BENAKAPPA S M	benakappasm@jnnce.ac.in
CSE	AYESHA SIDDIQA	ayeshasiddiqa@jnnce.ac.in
CSE	CHAKRAPANI D S	chakrads@jnnce.ac.in
CSE	SUSHMA R B	Sushmarb@jnnce.ac.in
CSE	SANDEEP B	sandeepb@jnnce.ac.in
CSE	NARENDRA KUMAR S	narendra@jnnce.ac.in
CSE	SOWMYAD	sowmyad84@jnnce.ac.in
CSE	SATHYANARAYANS	sathyacse@jnnce.ac.in
CSE	MANOHAR NELLI V	manohar@jnnce.ac.in
CSE	THASEEN BHASHITH	thaseen194@jnnce.ac.in
CSE	HIRIYANNA G S	hiriyanna@jnnce.ac.in
CSE	SREEDEVIS	sreedevis@jnnce.ac.in
CSE	SANKHYAN NAYAK	sankhya.nayak@jnnce.ac.in
CSE	VEDANANDA D E	vedanandade@jnnce.ac.in
CSE	GANAVIM	gaanavi4@jnnce.ac.in
CSE	RAVINDRAS	ravindra@jnnce.ac.in
CSE	MANJULA G R	grmanjula@jnnce.ac.in
CSE	JALESH KUMAR	jaleshkumar@jnnce.ac.in
CSE	POORNIMA K M	kmpoornima@jnnce.ac.in
CSE	NIRMALA SHIVANAND	nirmala_cse@jnnce.ac.in
CSE	PUSHPA R N	pushpa@jnnce.ac.in
CSE	NAMITHA M V	namithamv@jnnce.ac.in



Dept	Name	E-mail ID
CSE	NANDISH M	nandish.m@jnnce.ac.in
ECE	SHWETHA B	shwethab@jnnce.ac.in
ECE	PRASHANTH G S	prashanthgs@jnnce.ac.in
ECE	SHWETHA H R	shwethahr@jnnce.ac.in
ECE	SUMATHI K	sumathik@jnnce.ac.in
ECE	SMITHA S M	smithasm@jnnce.ac.in
ECE	PREMA K N	premakn@jnnce.ac.in
ECE	HARISH T S	tshpmt111@jnnce.ac.in
ECE	PRADEEPAS C	pradeepasc@jnnce.ac.in
ECE	ROOPA B S	roopabs@jnnce.ac.in
ECE	SHEELA S	sheela_s@jnnce.ac.in
ECE	ANIL KUMAR J	anilkumarj@jnnce.ac.in
ECE	DARSHAN K V	darshankv@jnnce.ac.in
ECE	ABHIJEET N	abhijithn@jnnce.ac.in
ECE	SHARATH S M	sharathsm@jnnce.ac.in
ECE	AJAY BETUR P	ajaybetur@jnnce.ac.in
ECE	NALINA S B	nalinasb@jnnce.ac.in
ECE	UJWALA B S	ujwalaravi2004@jnnce.ac.in
ECE	SUNIL M D	mdsunil.dev@jnnce.ac.in
ECE	SHETTY PRAMOD KUMAR	pramodkumars@jnnce.ac.in
ECE	MANJUNATH P	manjunath_p@jnnce.ac.in
ECE	SATHYANARAYANA S V	svs@jnnce.ac.in
EEE	THEJASWIAH	ahthejaswi@jnnce.ac.in
EEE	SURESH H B	hbs_ee@jnnce.ac.in
EEE	SHAILASHREE K	ssk_ee@jnnce.ac.in
EEE	AJJANNA N G	nga_ee@jnnce.ac.in
EEE	SOUMYAKT	soumya_kt@jnnce.ac.in
EEE	MAHESHWARAPPA H M	mahesheed@jnnce.ac.in
EEE	VEERESHA K B	veereshakb@jnnce.ac.in
EEE	MANJULA M G	manju_mg@jnnce.ac.in
EEE	SUPRITHA M R	Supritha_prakash09@jnnce.ac.in
EEE	VIDYASHANKAR M	vsm_ee@jnnce.ac.in
EEE	PADMASHREE H R	padmashree_hr@jnnce.ac.in
EEE	RESHMA P	reshmap@jnnce.ac.in
EEE	CHANDAN K R	chandankr@jnnce.ac.in
ETE	ANAND RAJ S N	anandraj@jnnce.ac.in
ETE	RASHMI M HULLAMANI	rashmimh@jnnce.ac.in
ETE	BENAK PATEL M P	benapk7@jnnce.ac.in
ETE	MADHUSUDHAN G	gmrmadhu@jnnce.ac.in



Dept	Name	E-mail ID
ETE	APARNA	aparnaraj@jnnce.ac.in
ETE	SHASHI KIRAN S	shashikiran@jnnce.ac.in
ETE	HARISHA S B	harishasb@jnnce.ac.in
ETE	ASHWINI S R	srashwini@jnnce.ac.in
ETE	MADHUKAR C S	csmadhukar@jnnce.ac.in
ETE	USHA DEVI M B	mbu@jnnce.ac.in
ETE	SURENDRA S	surendra_s@jnnce.ac.in
HUM	MANJUNATH M C	harishsmg06@gmail.com
HUM	Yuvaraj N	yuvarajn@jnnce.ac.in
ISE	SANJEEV KUNTE R	sanjeevkunte@jnnce.ac.in
ISE	JYOTHI K	jyothik@jnnce.ac.in
ISE	PRADEEP H K	pradeep.hk@jnnce.ac.in
ISE	RASHMIR	rashmiinduraj@jnnce.ac.in
ISE	RAGHAVENDRA R J	raghavendra.r.j@jnnce.ac.in
ISE	SAMARA MUBEEN	samaramubeen@jnnce.ac.in
ISE	VISHWAS C G M	vishawascgm@jnnce.ac.in
ISE	SOWMYAGV	gvsowmya@jnnce.ac.in
ISE	SUDEEP MANOHAR	sudeepmanohar@jnnce.ac.in
ISE	SAYED AFTAB AHAMED	AFIS037@jnnce.ac.in
ISE	SATHYANARAYAN K B	sathyanarayanakb@jnnce.ac.in
ISE	AKSHAY M J	akshaymj@jnnce.ac.in
ISE	PAVAN M	pmadhvesh@jnnce.ac.in
ISE	SHARATH KUMAR S R	sharathkumarsr@jnnce.ac.in
ISE	PAVAN KUMAR M P	pavankumarmp@jnnce.ac.in
ISE	CHETHAN G S	chethan.gs@jnnce.ac.in
ISE	SUCHETHANA H C	suchethanahc@jnnce.ac.in
ISE	PRATHIMA L	lprathima5787@jnnce.ac.in
ISE	DEEPA V B	jnndvb@jnnce.ac.in
ISE	GIRISH MANTHA	girish.mantha@jnnce.ac.in
ISE	ARUNKUMAR P	arunkumarp@jnnce.ac.in
MATHS	SRIDHAR ADIGA	shridhar.adiga@jnnce.ac.in
MATHS	SHAILASBHAT	shailabhat@jnnce.ac.in
MATHS	ANIL S C	anilsc@jnnce.ac.in
MATHS	NIRMALA T	nirmalamaths@jnnce.ac.in
MATHS	BHAGYALAKSHMIK	bhagyak@jnnce.ac.in
MATHS	GURUPADAVVA INGALAHALLI	gurupadavva@jnnce.ac.in
MATHS	PANDITH GIRI MOHAN DAS P K	giri28@jnnce.ac.in
MATHS	KRISHNAMURTHY M R	krishnamr@jnnce.ac.in
MBA	SRIKANT C	srikac@jnnce.ac.in



Dept	Name	E-mail ID
MBA	ANURADHA C K	anuradhack30@jnnce.ac.in
MBA	SUBHADRA P S	subhadrapss@jnnce.ac.in
MBA	VIKRAMA D K	vikramadk@jnnce.ac.in
MBA	SRINIVASA MURTHY B V	bvsmurthy@jnnce.ac.in
MBA	VIKRAMA V	vikram.rich@jnnce.ac.in
MBA	SANTHOSHA	shanbhag82@jnnce.ac.in
MBA	PRAVEEN KUMAR B H	praveen@jnnce.ac.in
MBA	G P NAGESH	nageshgp@jnnce.ac.in
MBA	HARSHA C MATHAD	harshacm@jnnce.ac.in
MCA	PRABHUDEVA S	prabhudev@jnnce.ac.in
MCA	SANDHYA R	sandhya_r@jnnce.ac.in
MCA	SUNITHA G P	sunithagpise@jnnce.ac.in
MCA	SANTHOSH S G	santhoshsgrao@jnnce.ac.in
MCA	RAGHAVENDRAS P	raghusp@jnnce.ac.in
MCA	HEMANTH KUMAR	hemanthkumar@jnnce.ac.in
MCA	MANJUNATHA H T	manjudeepa@jnnce.ac.in
MCA	ARUNKUMAR K L	arunkumarkl@jnnce.ac.in
MCA	ADARSH J MAHENDRAKAR	adarshmj@jnnce.ac.in
MCA	PRASHANT ANKALKOTI	prashantsa@jnnce.ac.in
MECH	MANJUNATHA CHARY G H	manju_gh2006@jnnce.ac.in
MECH	RAVI KUMAR B N	ravidhoddal@jnnce.ac.in
MECH	PRADEEP N B	pradeepnb@jnnce.ac.in
MECH	PARAMESHWARAS	param@jnnce.ac.in
MECH	JAYAVARDHANA ACHARYA N	jaiglamech@jnnce.ac.in
MECH	ABDUL SALEEM S	sabdulsaleem75@jnnce.ac.in
MECH	SRINIVASA MURTHY M K	murthynivas007@jnnce.ac.in
MECH	SHIVANANDAPPA N D	nandacng@jnnce.ac.in
MECH	AMITH KUMAR S J	joanesamith@jnnce.ac.in
MECH	SHANTHI KIRAN M	shanthikiranm@jnnce.ac.in
MECH	SATYAPREMA	spabraham1@jnnce.ac.in
MECH	RAMESH M	ramesh1364@jnnce.ac.in
MECH	VENKATESH S R	srvenkatesh_12@jnnce.ac.in
MECH	BASAPPAJI K M	bas_km@jnnce.ac.in
MECH	BASAVARAJE	ebasavaraj@jnnce.ac.in
MECH	CHETAN C G	chittaragi.chetan@gmail.com
MECH	V K DEEPANKAR	dsvk@jnnce.ac.in
PHY	ANANDARAM B N	bnaram@jnnce.ac.in
PHY	RAJPRAKASH H G	prakashraj06@jnnce.ac.in
PHY	ANANTHA S NAYAK	ananthasn@jnnce.ac.in



### **RULES AND DISCIPLINE**

**In** order to maintain the sanctity and decorum in the campus and the hostels, the following rules of discipline to be observed by students:

- Ragging in any form is strictly banned in the College / Hostel / Outside the Campus / College Bus.
- Ragging means causing, inducing, compelling or forcing a student, by way
  of practical joke or otherwise any act which adversely affects the body or
  psyche of a fresher.
- Persons indulging in ragging are punishable under IPC sections 116, 109, 110, 111, 112, 113, 114, 115, 116, 302, 305, 306, 339, 340, 341, 342, 343, 344, 346, 347, 354, 359, 368, 448, 451 and 506, entailing inflictment of extreme punishment, as per standing order No. 940 of Director General & Inspector General of Police.
- Ragging is Non-Bailable offence and persons can be arrested immediately without any warrant.
- Persons watching, abetting ragging etc. are also punishable under IPC upto one year imprisonment and Heavy fine.
- Persons indulging in ragging shall be dismissed from college and hostel with immediate effect.
- Students who have finished their courses or final year students indulging in ragging, will be given their Degree certificate / Character & Conduct certificate / Passport superscribed "INDULGED IN RAGGING" in BOLD Letters.
- Persons who get slightest information regarding ragging should immediately contact the authorities and inform them.
- Consumption of Tobacco/Liquor/Drugs is banned in the Hostels /College Campus
- The students should behave courteously with the members of staff.
- They should maintain silence in the library, classrooms and work quietly in drawing halls, laboratories and workshops.
- Students coming late to the classes are not permitted to enter the class rooms.
- They should not meddle with machines, meters and tools in the laboratories and workshops without the permission of the staff members in charge.
  They will be responsible of the damages and will have to pay for their replacement.
- They should not absent themselves from the classes without the prior permission of the Principal.
- Students not satisfying the minimum attendance and sessional requirement will not be able to take the examinations.
- Students should take all the tests without fail.
- Students are forbidden from pasting posters in the institute premises and causing any damages to the property of the institute.
- Smoking, consumption of alcoholic beverages and drugs are strictly forbidden.
- Students are not to affix any notice or remove any office notice from the notice boards.



- In view of the university banning the usage of mobile phones in the college campus, students are informed not to carry mobile phones to the college campus, However they may use mobile phones in the hostel premises. Students are requested to take this arrangement positively as it will help them in not getting diverted from their academic work.
- Students using vehicles are required to leave them in parking places provided and are forbidden from parking in other places inside the campus causing disturbance to the classes.

### **Disciplinary Actions and Related Matters**

- Violation of code of conduct and disciplinary rules of the institute will be referred to the Internal complaint committee.
- Violation of code of conduct shall attract disciplinary action which may include punishment such as reprimand, disciplinary probation, fine, debarring from the examination, withdrawal of placement facilities, withholding grades/degree, cancellation of registration and even rustication from the institute.

### **Provision for Change of Branch**

 Change of branch at the beginning of III semester is as per VTU norms after 1<sup>st</sup>/2<sup>nd</sup> sem results.

### **Fee Payment and Regulations**

- 1. For 1st year CET and COMED-K students apart from fee paid at KEA/COMED-K, College, Other fee, University related fee to be paid at the time of admission.
- 2. 1st year Management Quota students have to pay fee as notified at the time of admission.
- 3. 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year students of all Quota/ Branches have to pay tuition and college fee within 1<sup>st</sup> week of start of odd semester. One week time is given to pay fee with penalty.
- 4. After the last date (with penalty), students are not considered to attend classes.
- 5. Any other fee towards VTU exams to be paid as and when it is announced within due date.
- 6. All the fee payment to the college to be made through challan at Canara Bank, JNNCE Campus, Shivamogga Only (Cash, DD, through Can fee counter net banking). And option to make payment through online RTGS/NEFT transfer is possible (subject to realization/confirmation from the College)

**Payment Mode:** -You can also pay fee through online using Preferably Net Banking.

### Following is the step-by-step process for Online Fee Payment:

- Visit website: https://canbankfeecounter.com/Home.html
- On the main menu select 'Student/Parent Login' option
- Select the proper 'School/College' from drop down



- Confirm your Admission Number before Fee Payment in Fee Counter Login.
- Enter your Admission Number as 'Registration No.' and also as password in appropriate Box.
- Use your Registration Number as your User ID and Password for fee payments.
- Enter your mobile Number/Name/E-mail ID/Course/Department and Semester as required for payment Confirmation process.
- Confirm the correct fee amount as communicated/Circulated by the Institution.
- Click on 'PROCESS' -> 'MAKE PAYMENT' -> 'PAY NOW' -> 'SELECT NETBANKING'
- After successful payment you will be able to download the Fee Challan/ Receipts and mail confirmation to the respective email ID from can bank fee counter. Keep the printout for further reference.
- If you face any issues in paying your fee, you can contact us via email: feecounter@ccsl.co.in

# Scholarship Information

SI. No.	Name of the Scheme	Website Address	Categories Eligible to Apply
1	Vidya Siri (E-pass Fee concession & Food andaccommodation Scheme) given by Govt. of Karnataka	https://ssp.postmatric.karnataka.gov.in/	OBC-Cat-I,2A, 3A,3B&GM
2	Karnataka State Brahmin Development Board (EWS certificate less than 8 lakhs students) given by Govt. of Karnataka	https://ssp.postmatric.karnataka.gov.in/	Brahmin Categories
3	MHRD - Central Sector Scheme of Scholarship for College & University Students	https://mhrd.gov.in/ scholarships-education-loan-0	OBC-Cat-I,2A, 3A,3B&GM
4	Pragati Scholarship Scheme For Girls Student(AICTE Implemented)	https://www.aicte-pragati-saksham-gov.in/ https://nsp.gov.in	OBC-Cat-I,2A, 3A,3B&GM
5	Kittur Rani Chennamma Puraskara for Girl Child	http://dwcd.kar.nic.in:8080/	OBC-Cat-I,2A, 3A,3B&GM
6	SC/ST Higher & Lower Income-Tuition Fee Exemption Scheme -SC/ST/Minority students have to apply for scholarship for reimbursement	https://ssp.postmatric.kamataka.gov.in/	SC/ST-Higher & Lower Income Students



7	Post Matric Scholarship for Minority/Meritcum Means Students-For Tuition Fee	https://nsp.gov.in	Minority (Muslim, Christian, Jain, Sikh)
8	KMDC Arivu Loan - Minority Students - Minority students can avail Arivu Loan from Minority Welfare Department.	https://ssp.postmatric.kamataka.gov.in/	Minority (Muslim, Christian, Jain, Sikh)
9	Jammu & Kashmir Students- Prime Minister Special Scholarship Schemefor J&K region students	https://kmdc.kar.nic.in/arivu2/ Login.aspx https://www.aicte-india.org/bureaus/jk	J & K Students only
10	City Corporation Scholarship Scheme for Merit Students	Respective Corporation Office - Manual	All Category
11	<b>Ex-Service Men Scholarship</b> - Scholarship scheme for Children of Ex-Army professionals	Applications  Manual Applications from respective department	All Category
12	Ministryof Labour and Employment and from the Office of Welfare Commissioner, Scholarships are awarded to students, whose parents are employedin Small scale and Cottage Industries like Beedifactories, Coffeeplantationsetc.	https://mhrd.gov.in/scholarships- education-loan-0	All Category
13	<b>Jindal Foundation -</b> Merit Students	Manual Application	All Category
14	Dharmasthala Sangha Scholarship- Children of Members at Dharmasthala Sangha	Manual Application	All Category
15	Teachers Scholarship - Children of Govt. Teachers given by State Govt. of Karnataka	Manual Application	All Category
16	BSNL Scholarship Scheme- Children of BSNL Employees given by Govt. of India	Manual Application	All Category
17	CM raita vidya nidhi	https://ssp.postmatric.Karnataka.gov.in	All Category



18 Building Construcation worker Scholarship	https://ssp.postmatric.Karnataka.gov.in	All Category
19 AICTE Pragathi Scholarship, MHRD,Merit Cum Means.	www.nsp.gov.in	OBC-Cat-I,2A, 3A,3B&GM

### Statement of Scholarship for Last 2 years

SI	Name of the	Academic Y	ear 2021-22	Academic	Year 2022-23
No	scholarship	No. of Students	Amount Disbursed	No. of Students	Amount Disbursed
1	BCM - epass	1307	23996560	890	16369140
2	SC Lower Income	221	6293964	251	14685504
3	SC Higher	54	3404875	14	906500
4	ST Lower Income	67	4935380	74	4946494
5	ST Higher Income	19	1163290	7	453250
6	Farmer parents children Scholarship	901	9399000	684	7124000
7	Labour parents children Scholarship	198	9900000	-	-
8	KMDC Arivu Loan	41	1230000	44	2185780
9	Bihar State Students Education Loan	6	705774	1	135000
10	Merit Cum Means	143	3502320	103	-
11	PMSSS - J & K	19	1359297	8	574732
12	MHRD - Central Sector Scheme	140	1400000 '	131	1930000
13	AICTE Pragathi Scholarship	20	1000000	36	1800000
	Total	3136	68290460	2243	51110400

Students who are eligible to apply can contact college scholarship department and refer to notice board. Do not apply through private agencies. All scholarship information is available in the website of respective authorities.

### Mandatory Documents Required to avail scholarship

- Income & Caste Certificate (Latest)
  - 2. CET / Comed K Order Copy
- 3. Previous Year Marks Cards
- 4. Fee Receipt for the respective Academic Year

5. Adhaar Card

- 6. College ID Card
- 7. Student Bank A/c Pass book copy Active account only(Nationalized Bank)
- 8. SC/ST Higher Income Students Should submit Parents Salary certificate for previous 3 months
- 9. Scholarship Application Copy 2 Sets 10. Passport Size Photographs 2 No.

Students who are eligible to apply can contact College scholarship department and refer to notice board. Do not apply through private agencies. All scholarship information is available in the website of respective authorities.

### Related websites

Epass - https://karepass.cgg.gov.in/ SC Lower Income - www.sw.kar.nic.in Central Sector Scheme / Minority / ST Lower - https://scholarships.gov.in/



# First Sem. B.E.: Calendar of Events for the Academic Year 2023-24: Odd Semester

Date	Event		
4.9.2023 to 14.9.2023	Induction Program for First Sem B.E		
15.9.2023	Commencement of classes for First Sem B.E – Orientation Program		
18.9.2023	Holiday – Vinayaka Chaturthi		
28.9.2023	Holiday – Ed- Milad		
2.10.2023	Holiday – Gandhi Jayanthi		
14.10.2023	Holiday – Mahalaya Amavasya		
23.10.2023	Holiday – Mahanavami		
24.10.2023	Holiday – Vijayadashami		
28.10.2023	Holiday – Maharshi Valmiki Jayanthi		
1.11.2023	Holiday – Kannada Rajyostsava		
2.11.2023, 3.11.2023, 6.11.2023	First Test : First Sem B.E		
13.11.2023	Finalization of First Test Marks: : First Sem B.E.		
14.11.2023	Holiday - Balipadyami		
15.11.2023 to 18.11.2023	First Mentor Meeting		
30.11.2023	Holiday – Kanakadasa Jayanthi		
28.12.2023 to 30.12.2023	Second Test : First Sem B.E		
3.1.2024	Finalization of Second Test Marks: : First Sem B.E.		
4.1.2024 to 5.1.2024	Second Mentor Meeting		
6.1.2024	Last working day of First Sem. B.E.		
8.1.2024 to 19.1.2024	First Sem. B.E.: Semester End Examinations : Practical		
22.1.2024 to 17.2.2024	First Sem. B.E.: Semester End Examinations : Theory		
19.2.2024	Commencement of Second Sem. B.E.		

# **An Appeal to Parents**

- While thanking you for having admitted your ward to JNNCE, we request you to interact with the HOD/Faculty regularly, visit the college and the department frequently at least once in a semester till the completion of the course to know the performance of your ward.
- 2. Please make sure that your ward makes best use of all the placement related activities to ensure placement in a reputed company.
- We request your cooperation, continuous interaction to ensure your ward attain technical skills, educational qualification, professional personality, placement in a reputed company and good qualities for the future life.



Alumni in Chandrayaan-3

We Are Proud of You!



Felicitation to Prof S Vidyashankar, Vice Chancellor, VTU Belagavi



Inauguration of 400KW Capacity Solar Electricity Plant





# **GAMPUS PLACEMENT OFFERS**





ALOHA TECHNOLOGY















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and Many more.....