



NAGARJUNACOLLEGE OF ENGINEERING AND TECHNOLOGY

Venkatagirikote(P), Devanahalli(Tq), Bangalore-562164

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



IQAC ANNUAL REPORT 2016-2017

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ABOUT NAGARJUNA EDUCATION SOCIETY:

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

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

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

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

Institutions run by Nagarjuna Education Society

Sl. No	Institution	Year of Establishment
1.	Nagarjuna Vidya Nikethan	1995
2.	Nagarjuna PU College– Bangalore	2000
3.	Nagarjuna College of Engineering & Technology	2001
4.	Nagarjuna Degree College –Yelahanka	2013
5.	Nagarjuna College of Management Studies	2015
6.	Nagarjuna PU College– Devanahalli	2015

ABOUT NCET



Nagarjuna College of Engineering and Technology (NCET) is synonymous with excellence in higher education and was established in 2001, under the aegis of Nagarjuna Education Society Bengaluru, founded by Shri J V Ranga Raju, Director of NCC Limited. NCET is an autonomous institution with NAAC A grade, under Visvesvaraya Technological University (VTU) Belagavi and four branches are accredited by NBA (Civil/CSE/ECE/ISE). NCET is built on a sprawling lush green campus, spread over 150 acres in a rapidly transforming semi-urban landscape, near Bengaluru International Airport and the mesmerizing beauty of the campus never fades as the ever-widening horizon, perfectly captures the spectacular rays of rising sun every day

NCET is a research-focused and student-centric institution offering a full range of academic programs at the undergraduate, postgraduate, and doctoral levels. It comprises independent academic wings, sophisticated labs, spacious hostel blocks, ultra-modern sports facilities, spacious multi-cuisine canteen, well-stacked library, an auditorium, conference rooms, and smart classrooms. NCET has profoundly aspired to become internationally recognized for high-end research and creative endeavors, through harnessing new insights and expanding the boundaries of human excellence and creativity. NCET has committed to serve the society through value- based education to cater to the needs of India and beyond.

About IQAC

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

Internal Quality Assurance Cell (IQAC) maintaining the momentum of quality consciousness is crucial. Internal Quality Assurance Cell, in fact, is a mechanism to build and ensure a quality culture at the institutional level. NCET have an internal quality assurance system, with appropriate structure and processes, and with enough flexibility to meet the diverse needs of the stakeholders. The IQAC- NCET is meant for planning, guiding and monitoring Quality Assurance (QA) activities of the colleges.

The IQAC channelize and systematize the efforts and measures of an institution towards academic excellence. The IQAC-NCET became a driving force for ushering in quality by working out intervention strategies to remove deficiencies and enhance quality.

Goals of the IQAC- NCET:

- To develop a quality system for to improve the academic and administrative performance of the NCET
- To promote measures for institutional functioning towards quality enhancement through internationalization of quality culture and institutionalization of best practices.
- Development and application of quality benchmarks/parameters for the various academic and administrative activities of the NCET;
- Arrangement for feedback responses from students, parents and other stakeholders on quality- related institutional processes;
- Dissemination of information on the various quality parameters of higher education;
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- Documentation of the various programmes / activities of the College, leading to quality improvement;

- Acting as a nodal agency of the NCET for coordinating quality-related activities, including adoption and dissemination of good practices
- Development of the Annual Quality Assurance Report (AQAR) of the NCET based on the quality parameters/assessment criteria developed by the relevant quality assurance body (like NAAC, NBA) in the prescribed format;

IQAC Committee Members
AY 2016-17

Sl. No	Name	Designation	Role
1	Dr. Gopala Krishna S G	Principal, NCET	Chairman
2	Dr. N.G.S Udupa	Professor, Mechanical Engg. NCET	Member
2	Dr. Srikanta Murthy K	Vice Principal, NCET	Member
3	Dr. Harisha P	Prof. & Dean , NCET	Member
4	Dr. Kapilan N	HOD – Mechanical Engg.	Member
5	Dr. Nagesh K N	HOD – Elec. & Communication Engg.	Member
6	Dr. Shantaha Kumar B Patil	HOD – Computer Science & Engg.	Member
7	Dr. Rajendra S	HOD – Civil Engg.	Member
8	Dr. Raju R Gondkar	HOD – MBA	Member
9	Mr. Bhargava R	Asst. Prof. – Computer Science & Engg.	Member
10	Dr. A R Manjunath	Director – Sri Sathya Sai Centre for Human Excellence, Sathya Sai Grama, Muddenahalli	Member
11	Mr. Mahesh C S	CEO – Spaneos Software Solutions Pvt Ltd	Member
12	Mr. Karthik E C	1NC14CS043 – V Sem, Dept. of CSE	Member
13	Dr. Dr. Gururaj M	Professor & HOD – ISE	Member Secretary, Coordinator/ Director- IQAC

CRITERIA WISE SUMMARY

1. Curricular Aspects

Nagarjuna College of Engineering and Technology was affiliated to Visvesvaraya Technological University, Belgaum till 2014-15. We have received Autonomous status from Visvesvaraya Technological University and Government of Karnataka from the academic year 2015-16. From 2001 to 2014 the college was following the curriculum framed by Visvesvaraya Technological University from time to time. From the academic year 2015, curriculum will be framed by the Board of Studies for each engineering programs, which consisting of senior faculty members, academicians from other institutions and industry experts to prepare draft syllabus and reviews after getting feedback from all the stakeholders. In the view of rapid technological advances, there could be gaps that need to be addressed. In this regard, institute has a practice of preparing curriculum in consultation with the stakeholders and also based on feedback on syllabus from academia and industry experts along with stakeholders.

2. Teaching-Learning and Evaluation

- The institute has well equipped laboratories where students can practice experimental concepts. LED Projectors and teaching aids are in practice for delivering effective teaching.
- The library has good stack of quality books, journals both in printed and electronic forms along with NPTEL videos which are used by students and faculty for their knowledge up gradation.
- Students' performances are evaluated by the Continuous Internal Evaluation(CIE) and Semester End Examination(SEE).
- Every student is assigned to a counselor and the progress of the student is continuously monitored and entered in the ERP.
- Parent Teacher meetings are conducted periodically to keep the parents informed about their ward's progress. The feedback from the students and parents is also discussed during the meetings and corrective measures are initiated.
- Two feedbacks are taken from the students about the teaching during each semester and are discussed with the faculty for progressive improvement.

- The Institution provides supports the faculty members for their overall growth and development through QIP. They are deputed for higher studies and are sponsored for seminars, workshops and conferences at National and International level.

3. Research, Innovations and Extensions

- 54 research Scholars are pursuing Ph.D. under the guidance of our faculty. 12 Projects were funded by the various funding agencies like VTU, VGST, Institution of Engineers, KSCST etc. Many of our final year student projects were sponsored by KSCST every year.
- Institute has MOUs with many industries and organizations like Texas Instruments- under Texas Instruments University Programme, Oracle, EMC2, TCS-ion, NIIT, Wipro, NCC, IIT Mumbai, etc. The college has a consultancy cell to carry out consultancy work which caters to needs of various Government and Private Organizations.
- Texas Instruments Innovation Lab is equipped with 20 TIVA boards with ARM CORTXEX MICROCONTROLLER. Students and faculty have undergone training and executed projects on these boards.
- Bio Diesel research Centre and HVAC Research Lab
- Oracle Lab-Training students on Java SE7 programming

4. STUDENT SUPPORT AND PROGRESSION:

NCET provides all types of support to the students for their overall growth & development.

- Course material is provided on the Moodle Platform for easy access.
- Special classes are conducted for the benefit of slow learners.
- Classes for Communication English, Personality Development and yoga are organized.
- As a part of the co-curricular activity, Inter colligate fest “IKYA” is celebrated.
- Annual cultural day is organized to provide an opportunity for the students to show their cultural talents.
- Students are encouraged to participate in seminars, symposiums, cultural fests and sports activities organized by the University and other institutions.
- Annual sports day is organized to for students and staffs.
- All departments conduct Guest Lectures/Seminars/Workshops/ Conferences regularly.
- The following clubs are functional in the college:

- IEEE student branch
- Robotic Club
- Photographic Club
- Eco Club
- Music Club
- Chess Club
- Cultural Club
- Alumni Association
- Departmental forums
- ISTE Students' Chapter
- ISHRAE Students' Chapter

5. Governance, Leadership and Management

Governance of the institute is highly enabling and empowering at all the levels. All policies in the matter of planning human resources, recruitment, training, performance appraisal and financial management are carried out systematically considering the overall interest of the institution and stakeholders. The institute has a well-defined administrative structure for effective governance for building the organizational culture.

Research and Development details in AY 2016-17

List of Major & Minor Research Projects Under National / State / Private Funding Agencies (Including State Govt.)

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned
1	Dr Y S. Kumara Swamy	Software Frame work sor hosting Application Programming Interface / modules	March 2017	ISRO	16.98 lakhs
2	Dr.K.Kumar	Sustainable energy generation by biofuel cell from septic tank	January 2017	Karnataka State Council for Science and Technology (KSCST)	7000
3	Dr.K.Kumar	Study on the corrosion behavior of marine engine alloy using C263 for	31.11.2016	DRDO, GATET	975000
4	Mr. Sanath Kumar K R	Encroachment of raja kaluve in bangalore city using GIS and RS	January 2017	Karnataka State Council for Science and Technology (KSCST)	4000
5	Mrs.Roopu.G	Vehicle Theft Avoidance And Detection Using Dtmf and Andoid	2017	KSCSCT	7,000
6	Dr. Shantakumar B. Patil	PLATWALKFORM - Techniques Which Brings Skywalk to Platform in Railway Station.	2016-2017	Karnataka State Council for Science and Technology.	7000
7	Mamatha C M	Intelligent Wireless Sensor Networks Interceptor for Vehicles	2017	KSCST	2500.00/-

Research Guide Details for AY 2016-17

Sl. No.	Name	Department / Research Centre	Total no. of Candidates Registered	Total no. of Candidates Awarded
1	Dr. S G Gopala Krishna	Mechanical Engg. NCET	05	01
2	Dr. N.G.S Udupa	Mechanical Engg. NCET	01	--
3	Dr. N. Kapilan	Mechanical Engg. NCET	05	01
4	Dr. D.G.Kantharaj	Mechanical Engg. NCET	02	--
5	Dr.Rajendra.S	Civil Engg. NCET	8	0
6	Dr.K Kumar	Civil Engg. NCET	5	1
7	Dr. Nagesh K N	ECE, NCET	2	-
8	Dr. Shantakumr B Patil	CSE, NCET	05	--
9	Dr. Srikanta Murthy K	CSE, NCET	03	--
10	Dr. Premajyoti G. Patil	CSE, NCET	02	--
11	Dr. Gururaj M	ISE, NCET	2	-
12	Dr. Harisha P	Physics	01	--
13	Dr. Manjunatha K	Chemistry, NCET	4	-
14	Dr N Sandhya	MBA/NCET	07	-
15	Dr Prakash B Yaragol	MBA/NCET	02	-

Research Papers Published By Faculty in Journals in AY2016-17

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal
1	Dr N. Kapilan	Mechanical Engineering	A Study on Effect of Alternative Refrigerant on the Performance of a Domestic Refrigerator,	Journal of Mechanical Engineering and Automation 2016, 6(5A): 138-141	International Journal

2	Dr N. Kapilan	Mechanical Engineering	Static and model analysis of drive shaft using steel and high performance polymer composites comparison,	International Journal of Scientific Research Engineering &	International Journal
3	Dr N. Kapilan	Mechanical Engineering	Static and Rotor Dynamic Analysis of Camshaft Assembly Using Finite Element Analysis	International Journal for Ignited Minds, Volume: 03 Issue: 08, Aug-2016, 102-100	International Journal
4	Dr N. Kapilan	Mechanical Engineering	Analysis of Domestic Split Unit Air Conditioning System of Outdoor Unit,	International Journal of Engineering Research and General Science	International Journal
5	Yogeesha H C and Gopala Krishna S G	Mechanical Engineering	Influence of Personal Factors on the Knowledge Sharing Attitude of Individuals in Engineering Education Context	International Journal of Science and Research Vol 06, Issue 2, Feb 2017, pp. 2083-2087.	International Journal
6	Chethan M. R. and Dr. S. G. Gopaa Krishna,	Mechanical Engineering	Study on Tensile Analysis of Untreated Chopped Natural Areca Sheath Fiber Reinforced Polymer Matrix Bio-Composites	International Journal of Engineering Research And Advanced Technology,	International Journal
7	Chethan M. R. and Dr. S. G. Gopala Krishna,	Mechanical Engineering	Study on 3 - Point Bending Analysis of Untreated Natural Areca Sheath Fiber Reinforced Polymer Matrix Bio-Composites	International Journal of Advancement in Engineering Technology, ISSN: 2349-3224	International Journal
8	Chethan M. R. and Dr. S. G. Gopala Krishna,	Mechanical Engineering	Effect of Fiber Length on Tensile Characteristics of Untreated Natural Areca Sheath FRP green	International Journal of Mechanical and Production Engineering,	International Journal
9	Chethan M. R. and Dr. S. G. Gopala Krishna,	Mechanical Engineering	Study on Critical length of Fiber on Natural Areca Sheath Reinforced Polymer matrix Composites by Tensile and Flexural	SSRG International Journal of Mechanical Engineering, ISSN: 2348-8360,	International Journal

10	Chethan Kumar N	Mechanical Engineering	Design and Development of Running Wheel Air Pressure Monitoring System for Vehicles	Imperial Journal of Interdisciplinary Research. ISSN: 2454-1362, Volume-3, Issue No.-6, 2017,	International Journal
11	Dr. Sridhar R.	civil	Comparative Study of Reflection cracking on concrete overlays using FEM Package with Analytical studies	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) International	International
12	Dr. Sridhar R.	civil	C Strength Performance of High Strength Concrete Using Slag Sand and Quarry Sand	International Journal for Research in Applied Science and Engineering Technology	International
13	Dr. Sridhar R.	civil	Study on Dynamic Analysis of Irregular Steel Structure with Different Types of Bracings	International Journal for Research in Applied Science and Engineering Technology	International
14	Dr. Sridhar R.	civil	Study on Floating Column of High-Rise Building with Isolators and without Isolators	Imperial Journal of Interdisciplinary Research (IJIR)	International
15	Dr. Sridhar R.	civil	Comparative study of regular and vertically irregular building under seismic loading	IJRET	International
16	Dr. Sridhar R.	civil	Comparative study on behavior of elevated water tank with soil structure interaction subjected to seismic load using sap 2000	IJRET	International
17	Dr. Sridhar R.	civil	Study on behavior of steel outrigger with vertical irregularity against lateral loading.	IJRET	International

18	Dr. Sridhar R.	civil	Effect of length of polypropylene fiber reinforced sand on load settlement characteristic of model footings.	IJRET	International
19	Dr. Sridhar R.	civil	Study on Dynamic Analysis of Steel Structure with Different Types of Bracings	IJSRST	International
20	Dr.ChinmayiH. K.	civil	Seismic Analysis of Shear Wall Buildings Incorporating Site Specific Ground Response	Structural Engineering and Mechanics	International
21	Dr.ChinmayiH. K.	civil	Seismic force evaluation of RC shear wall buildings as per international codes	Eartquakes and Structures	International
22	Dr.ChinmayiH. K.	civil	Effect of soil stiffness on seismic response of reinforced concrete buildings with shear walls	Innovative Infrastructure Solutions	International
23	Dr.ChinmayiH. K.	civil	Dynamic soil-structure interaction analysis of RC framed building with various positions of shear walls	International Journal of Earth Sciences and Engineering	International
24	Dr Rajendra S	civil	Modelling and Project Planning of a Structure by implementing 5D BIM Technique	International Journal of Innovative research in Computer and Communication	International
25	Dr.Nagaraj.Y.P .	civil	Hepatoprotective effect of the Aqueous Extract and 5-Hydroxy, 7,8,2' Trimethoxy Flavone of AndrographisalataNees. in Carbon Tetrachloride	- Achivements in Lifesciences	International
26	Mrs. Vanishree.C.N.	civil	A Comparative Study on Effects of Regular and Irregular Structures Subjected to Lateral loading by Equivalent Static method and	- IJAEMS	International

27	Mrs. Kavitha. N.	civil	Study on Multicell box culvert taking span to height ratio and dynamic vehicular load	- IJRET	International
28	Mr. Akshaya B J	civil	GIS Based Approach for Vulnerability Assessment of the Karnataka Coast	- Advances in Civil Engineering	International
29	Venkatesh Kumar.H	E&C	Digital implementation of 6-bit SAR ADC with Foreground calibration Technique	International Research journal of Engineering and Technology(IRJET) Volume:03 Issue:05/May-2016,pp-264-267	International
30	Rohith. S , Venkatesh kumar.H	E&C	Analysis of Universal Asynchronous Receiver and Transmitter for Reliable Data Transmission	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 6, Issue 6, Ver. II (Nov. - Dec. 2016), PP 82-86, e-ISSN: 2319 –	International
31	Yaseen Basha , Rohith. S,, Venkateshkumar.H	E&C	Algorithm to Design VGA Controller on FPGA Board	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 6, Issue 6, Ver. II (Nov. - Dec. 2016), PP 82-86 e-ISSN:	International
32	Venkateshkumar H..	E&C	Design of Booth Multiplier using Double Gate MOSFET	International Journal of Computer Applications 167(4), I SSN No :0975 – 8887, pp-19-23, June 2017	International

33	Mr. Yaseen Basha, Dr. Venkatesh kumar	E&C	A Design of Sigma-Delta ADC Using OTA	Int. Journal of Engineering Research and Application ISSN : 2248-9622, Vol. 7, Issue 5,(Part -5) May 2017, pp.11-16.	International
34	Mrs.Rekha .K	E&C	Implementation and analysis of Low Voltage CMOS full Adder using XOR (4T) Gate	An International Journal of Engineering & Technology Vol. 3, No. 7 (July, 2016) eISSN: 2394-627X	International Journal
35	Dr. Shantakumar B. Patil,	CSE	Efficient Provable Multicopy Dynamic Data Possession Method Over Cloud Servers.	IJAECs, Special issue Sept.2016, PP: 34-36.	International Journal
36	Dr. Premjyoti Patil	CSE	Efficient Provable Multicopy Dynamic Data Possession Method Over Cloud Servers.	IJAECs, Special issue Sept.2016, PP: 34-36.	International Journal
37	Dr. Shantakumar B. Patil	CSE	Code Offloading to Optimize the Performance in Mobile Cloud.	IJAECs, Special issue Sept.2016, PP: 37-40.	International Journal
38	Dr. Shantakumar B. Patil	CSE	A Survey on Energy Efficient Secure Routing Protocols for Wireless Sensor Networks.	IJECS, Volume 5, Issue 8, Aug. 2016, PP: 17702-17709	International Journal
39	Dr.Premjyoti Patil	CSE	A Survey on Energy Efficient Secure Routing Protocols for Wireless Sensor Networks.	IJECS, Volume 5, Issue 8, Aug. 2016, PP: 17702-17709	International Journal
40	Dr.Premjyoti Patil,	CSE	Satellite Imaginary to Identify and Locate People in Natural Disasters.	IJRTER, Volume 2, Issue 6, June 2016.	International Journal

41	Mrs. Swetha Vura.	CSE	Satellite Imaginary to Identify and Locate People in Natural Disasters.	IJRTER, Volume 2, Issue 6, June 2016.	International Journal
42	Dr. Shantakumar B. Patil	CSE	Efficient smart routing protocol for faithful transmission of packets and traffic balancing (ESFTB)	IJCST, Volume 4, Issue 2, Mar – Apr 2016, PP :192-198	International Journal
43	Dr. Premjyoti Patil	CSE	Efficient smart routing protocol for faithful transmission of packets and traffic balancing (ESFTB)	IJCST, Volume 4, Issue 2, Mar – Apr 2016, PP :192-198	International Journal
44	Mr. Gopinath A R	CSE	Efficient dynamic trust management for delay tolerant N/WS & its application through node weight		International Conference
45	Mr. Gopinath A R	CSE	Effect of performance in heterogeneous traffic in opportunistic N/W		International Conference
46	Mr. Gopinath A R	CSE	A multi route knowledge based routing protocol for reliable packet transforming in		International Conference
47	Bhargava R	CSE	A multi route knowledge based routing protocol for reliable packet transforming in industrial WSN		International Conference
48	Prof. B. Roopashri Tantri	ISE	Software reliability estimation of gamma failure time models	-	International
49	Mamatha C M	ISE	Clarín with DCS (cloud computing security using AI and performance increase using dynamic cache segmentation)	3	International

50	Mrs. Sharada T	Physics	Synthesis, characterization, X-ray diffraction studies and biological evaluation of tert-butyl 4-(2-ethoxy-2-oxoethyl)-piperazine-1-	Res Chem Intermed, Volume 42, Issue 10, Oct.2016, pp 7375–7396	International Journal
51	Dr. Harisha P	Chemistry	Synthesis, characterization, X-ray diffraction studies and biological evaluation of tert-butyl 4-(2-ethoxy-2-oxoethyl)-piperazine-1-	Res Chem Intermed, Volume 42, Issue 10, Oct.2016, pp 7375–7396	International Journal
52	Dr. Manjunatha K	Chemistry	Synthesis, characterization, X-ray diffraction studies and biological evaluation of tert-butyl 4-(2-ethoxy-2-oxoethyl)-piperazine-1-	Res Chem Intermed, Volume 42, Issue 10, Oct.2016, 7375–7396	International Journal
53	Dr. Manjunatha K	Chemistry	<u>Synthesis and biological activities of some triazolothiadiazoles containing ibuprofen moiety</u>	Der Pharma Chemica, Vol. 8, Issue 2, 2016, 1-9.	International Journal
54	Dr. Manjunatha K	Chemistry	Synthesis and Antimicrobial Evaluation of 6-(4-(4-Chlorophenylamino)piperidine-1-yl) pyrimidin-4-amino Analogues	Iranian Journal of Organic Chemistry, Vol. 8, Issue 2, 2016, 1755-1764	International Journal

Workshops and Seminar Organized in the college for the AY 2016-17
Conferences, Symposia, Seminars, Workshops Organized In the College

Sl. No	Name of the Conference etc. organized	Date	Sponsored	No. of Participants
1	International Conference on Innovations and Emerging Trends in Mechanical	11th June 2016	ASHRAE and ISHRAE, Bangalore Chapter	73
2	FDP on Advances in Mechanical Engineering	25th to 30th July 2016	ISHRAE, Bangalore Chapter	28
3	Work Shop on Heating, Ventilation and Air-	9th to 11th November 2016	ISHRAE, Bangalore Chapter	30
4	Career opportunities for engineers” by TIMES	15th September 2016	NCET, Bengaluru	60
5	Fire & safety measures training program	16 Sep..2016	NCET, Bengaluru	40
6	Inauguration of student mentoring program	23rd Jan 2017	NCET, Bengaluru	30
7	Advanced surveying using precision instruments	17th March 2017	NCET, Bengaluru	30
8	Design of irrigation structures	21th April 2017	NCET, Bengaluru	30
9	Cement and concrete	07 March 2017	NCET, Bengaluru	30
10	FDP on Total station	21 Nov 2016	NCET, Bengaluru	30
11	Context capture by Bentley systems	5th April 2017	NCET, Bengaluru	30
12	Awareness on student mentoring program	28th Nov 2016	NCET, Bengaluru	30
13	Hands on training session on Autodesk fusion 360 software	28th Oct 2016	NCET, Bengaluru	30
14	Case study on repair and rehabilitation of heritage	11th Nov 2016	NCET, Bengaluru	30
15	Test method for PSC end block as per FIP-1993	11th Nov 2016	NCET, Bengaluru	30
16	Engineering mechanics and sports	27th Nov 2016	NCET, Bengaluru	30

17	HAM Work Shop	4th March 2017	NCET, Bengaluru	30
18	Workshop On Cyber Security & Network	7 & 8 OCT 2016	ELAN IIT HYDRABAD	32
19	Workshop on Website Design and Development	31.03.2017 to 01.04.2017	NCET, Bengaluru	47
20	Financial planning	11-08-2016	NCET, Bengaluru	60
21	Digital marketing	10-2-2017	SM STUDY EDUC	50
22	Twenty Twenty and equity markets	20-03-2017	NCET, Bengaluru	60
23	Carrier in Logistics management	18-04-2017	NCET, Bengaluru	40
24	FDP on “Skills for Success-Communication and relationship skills”	24 Nov 2016	NCET, Bengaluru	130
25	TIVA Launchpad with ARM Cortex-M4 Microcontroller under TI University Supported by EdGate Technologies.	31-06-2016 to 24-06-2016	NCET, Bengaluru	45
26	Programming in GNU /Linux	04-07-2016 to 08-07-2016	NCET, Bengaluru	55
27	Workshop on MATLAB	21-01-2016 to 28-01-2016	NCET, Bengaluru	66

Webinar/Seminar conducted in the college

Sl.No.	Department organized	Title	Date
1.	Mechanical Engineering Department	Invited talk on Corrosion and Its Control	15.11.2017
2.	Civil Engineering Department	Technical Seminar on “Awareness on Student Mentoring Program”	28.10.2016
3.	Civil Engineering Department	National Conference on Emerging Trends in Construction Technology and Sustainability	11/04/2017
4.	MBA Department	One Day Workshop on Outcome Based Education in Association with IEEE	20-06-2016
5.	MBA Department	SSIT-ES Joint Bangalore Chapter SMstudy (R) Certified Digital Marketing Professional	10-02-2017 to 11-02-2017
6.	Mechanical Engineering Department	“Introduction to BIM” by Mr. Anil Ghaste, Director, ISCOT	

7.	NSS and Sports Department	“Fire & safety measures training program” Sri. S. D. Ashok Babu, District Fire Officer, Chikkaballapur	16.09.2016
8.	Civil Engineering Department	“Student mentoring program” by Mr. Ajit Sabnis , President ACCE; Mr. Umesh B Rao, secretary general ACCE	23rd Jan 2017
9.	Civil Engineering Department	“Advanced surveying using precision instruments” by Mr. Shrikrishna Shastry, Manager, Ansari Precision instruments Pvt. Ltd.	17th march 2017
10.	Civil Engineering Department	“Hands on training session on Autodesk fusion 360 software” by Dr. Ramesh Shankar Pudale	28 th Oct 2016
11.	MBA Department	“Case study on repair and rehabilitation of heritage building” by Mr. Kasiram, AGM, BBR	11 th Nov 2016
12.	Civil Engineering Department	“Test method for PSC end block as per FIP-1993 recommendations” by Dr. K. Kumar	11 th Nov 2016
13.	Mechanical Engineering Department	“Engineering mechanics and sports” by Dr. Jade Dattatri (Retd.) NITK Surathkal	27 th Nov 2016
14.	Computer Science and Engineering Department	A Novel method of query processing in multi user scenario for WSN using DM techniques by Mr. Gopinath A R	06/03/2017
15.	Computer Science and Engineering Department	“Time based Security and Performance Improvement for MANets” by Mrs. Prasana Lakshmi	21/03/2017
16.	Computer Science and Engineering Department	“Medical Decision Supprot System for the missing Data Using Data mining” by Mr. Taranath N L	13/04/2017
17.	Computer Science and Engineering Department	“ A Novel Secure Energy Efficient Hierarchical Routing Protocol for Large Scale Wireless Sensor Networks” , by Mr. Yogeesh A C	29/04/2017

Workshops and Seminars Attended By the Faculty in AY- 2016-17

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date
1	Chethan Kumar N.	NCMTME-17	RRCE, Bengaluru	19 th and 20 th May 2017
2	Chethan Kumar N.	ICIETME	NCET, Bengaluru	11 th June 2016
3	Chethan Kumar N.	Outcome Based Education	NCET, Bengaluru	20 th July 2016
4	Vinod Kumar R	Workshop Skills for Success	NCET, Bengaluru	24 th November 2016
5	Vinod Kumar R	Advances in Mechanical Engineering	NCET, Bengaluru	25 th to 30 th July 2016
6	Vinod Kumar R	Outcome Based Education	NCET, Bengaluru	20 th July 2016
7	Ravi Y. V.	ICIETME	NCET, Bengaluru	11 th June 2016
8	Thirty faculty members from Civil Engg Dept.	FDP on advance surveying and Material testing	NCET	27th June 2016
9	Six Staff members from Civil Engg Dept.	FDP on Matlab	NCET	24th Sep 2016
10	Dr. Sridhar R.	REDECON	Bengaluru	9th Nov 2016
11	Dr.Chinmayi H.K	10th International Symposium on Lowland Technology	Mangalore	15th -17th September 2016
12	Dr. Sridhar R.	International Conference on Recent Trends In Engineering, Science and	Madurai	15 &16 July 2016
13	Ms.Deepika.A.N.	Influence of foundation flexibility on seismic behavior of RC structure: A Comparative study	Bengaluru	4th and 5th May, 2016
14	Mrs.Vanishree.C.N.	Comparative study of Deformations in Regular and Irregular structures (with &without shear wall) under lateral loading.	Bengaluru	27th April 2016
15	Mr.Akshaya B J,	Wetland Change Detection Using Remote Sensing Techniques,	Shillong, Meghalaya	20th-21st June, 2016.
16	Dr. Shantakumar B. Patil Dr. Premjyoti G. Patil Mr. Bhargava	International conference on research in engineering , computers & Technology	Trichy	08.10.2016

17	Mrs. Vidya V	Android developer fundamentals	Bangaluru	06.03.2017
18	Mr. Sunil Kumar. B	VM ware virtualization fundamentals	Bangaluru	18.08.2017 TO 19.08.2017
19	Mr. Sunil Kumar. B	Outcome based Education	Bangaluru	20.07.2016
20	Mr. Sunil Kumar. B	TIVA Launch Pad	Bangaluru	13.06.2016 TO 02.07.2016
21	Mr. Subramanya. S. G	National conference on recent trends in computer science & information	Bangaluru	21 st & 22 nd April 2016
22	Mr. Subramanya. S. G	Programming in GNU	Bangaluru	4 th & 8 th July 2016
23	Mr. Gopinath A R	National conference on recent trends in computer science & information	Chikkaballpur	21 st & 22 nd April 2017
24	Mr. Gopinath A R	World youth meet	Mudenahalli	16 th & 23 rd April 2016
25	Mrs. Swathi. S	Recent trend in computer science & information technology	Chikkaballpur	21 st & 22 nd April 2016
26	Mrs. Swathi. S	Programming in GNU/ Linux	Bangaluru	4 th & 8 th July 2016
27	Mrs. Swathi. S	Skills for success & communication & relationship skills	Bangaluru	24 th Nov 2016
28	Mr. Raghavendra B	Programming in GNU/ Linux	Bangaluru	4 th & 8 th July 2016
29	Mr. Raghavendra B	Skills for success & communication & relationship skills	Bangaluru	24 th Nov 2016
30	Mr. Raghavendra B	seilab Source programming language	Bangaluru	24 th & 28 th Sep 2016
31	Mr. Subramanya. S. G	Scilab – an open source programming language	Bangaluru	24 th & 28 th Sep 2016
32	Mr. Subramanya. S. G	Introduction to C# & Ado –net programming	Bangaluru	21 th & 22 nd July 2016
33	Mr. Subramanya. S. G	Skills for success & communication & relationship skills	Bangaluru	24 th Nov 2016

34	Dr. Shantakumar B. Patil Dr. Premjyoti G. Patil Mr. Bhargava	International interdisciplinary conference on engineering	Goa	17 th & 18 th 2016
35	Mr. Bhargava R Mr. Pramod R	Scilab – an open source programming language	Bangaluru	24 th & 28 th Sep 2016
36	Mrs. Manjusha	TIVA Launch Pad	Bangaluru	13.06.2016 TO 02.07.2016
37	Mrs. Bhagya M	TIVA Launch Pad	Bangaluru	13.06.2016 TO 02.07.2016
38	Ms. Sporthi Pujar	Skills for success & communication & relationship skills	Bangaluru	24 th Nov 2016
39	Mr. Gopinath A R	Programming in GNU/Linux	Bangaluru	4 th & 8 th July 2016
40	Mr. Gopinath A R	R- Language	Bangaluru	18 th & 22 nd Feb 2017
41	Mr. John. J. P	Fdp on “Programming in GNU/Linux”	Bangaluru	04/07/2016 – 08/07/2016
42	Mr. John. J. P	Fdp on “Skills for success –communication and relationship skills “	Bangaluru	24/11/2016
43	Mr. John. J. P	FDP on Real Time WSN and Network Simulator	Bangaluru	18/07/2016— 23/07/2016
44	Mr. John. J. P	Fdp on “WSN and Network Simulation 2 & NS3”	Bangaluru	24/01/2017 to 28/01/2017
45	Mr. John. J. P	Workshop on digital Marketing	Bangaluru	09/02/2017 to 11/02/2017
46	Dr.Premjyoti Patil	Skills for Success Communication and Relationship Skills.	NCET, Bengaluru	24-11-2016
47	Dr.Premjyoti Patil	TIVA Launchpad with ARM Cortex-M4 Microcontroller under TI	NCET, Bengaluru	01-07-2016 to 31-07-2016
48	Dr.Premjyoti Patil	TIVA Launchpad with ARM Cortex-M4 Microcontroller under TI	NCET, Bengaluru	31-06-2016 to 24-06-2016
49	Dr.Premjyoti Patil	Programming in GNU /Linux	NCET, Bengaluru	04-07-2016 to 08-07-2016
50	Dr.Premjyoti Patil	Workshop on MATLAB	NCET, Bengaluru	21-01-2016 to 28-01-2016
51	Dr.Premjyoti Patil	Workshop on digital Marketing	NCET, Bengaluru	11/02/2017 to 12/02/2017

52	Dr.Premjyoti Patil	International Interdisciplinary Conference on Engineering Science & Management.	The Crown Hotel, Goa, India.	17.12.2016 to 18.12.2016
53	Mrs.Roopa.G	Smart grid technology issues & challenges	CMRIT, Bangalore	15 th & 16 th April 2017
54	Mrs.Roopa.G	Outcome based education	NCET, Bangalore	20 th July 2017
55	Mr. Rohith S	Outcome based education	NCET, Bangalore	20 th July 2017
56	Prof. B. Roopashri Tantri	IEEE international conference of system reliability and science.	Paris	15-09-2016 to 18-09-2016
57	Mohan D N	Android programming	Koeing	6-3-2017 to 10-3-2017
58	POORNIMA U K	Writing research paper Understanding indirect taxes	Bangalore	03-09-2016 22-09-2016
59	Dr. Harisha P	Science and technology for sustainable development,	Kuala Lumpur, Malaysia	24-26 May 2016
60	Dr. Harisha P	Higher education Technology conference	Bangalore	10-3-2017
61	Dr. Harisha P	International Conference on Advances in Science and Engineering (ICASE-2017)	Bangkok, Thailand	20 th to 23 rd Jan 2017
62	Mrs Sharada T	Seminar on “ Teaching Methodology”	NCET, Bangalore.	8 Nov 2016
63	Mrs. Pavithra	Seminar on “ Teaching Methodology”	NCET, Bangalore.	8 Nov 2016
64	Mrs. Roopa K N	Seminar on “ Teaching Methodology”	NCET, Bangalore.	8 Nov 2016
65	Mrs. Pavithra	FDP on “Skills for Success-Communication and relationship skills”	NCET, Bangalore.	24 Nov 2016
66	Mrs Sharada T	FDP on “Skills for Success-Communication and relationship skills”	NCET, Bangalore.	24 Nov 2016
67	Mrs. Pavithra	FDP on “Skills for Success-Communication and relationship skills”	NCET, Bangalore.	24 Nov 2016

68	Mrs Sharada T	One day workshop on “Outcome based education”	NCET, Bangalore.	20 July 2016
69	Mrs. Pavithra	One day workshop on “Outcome based education”	NCET, Bangalore.	20 July 2016
70	Mrs Sharada T	A talk on “Digital e-bookstore”	NCET, Bangalore.	22 July 2016
71	Mrs . Archana B S	A talk on “Digital e-bookstore”	NCET, Bangalore.	22 July 2016
72	Mrs. Roopa K N	A talk on “Digital e-bookstore”	NCET, Bangalore.	22 July 2016
73	Mrs. Pavithra	A talk on “Digital e-bookstore”	NCET, Bangalore.	22 July 2016
74	Mr. Shivakumar B N	A talk on “Digital e-bookstore”	NCET, Bangalore.	22 July 2016
75	Mrs. Sharada T	FDP on “ Advanced material characterization technology”	MSRIT, Bangalore	27-29 July 2016
76	Mrs. Sharada T	FDP on “SCi Lab”.	NCET, Bangalore.	24 Sept 2016
77	Mrs Sharada T	“SM Study certified digital marketing professional”	NCET, Bangalore.	11 Feb 2017
78	Archana B S	“SM Study certified digital marketing professional”	NCET, Bangalore.	11 Feb 2017
79	Mr. Shivakumar B N	“SM Study certified digital marketing professional”	NCET, Bangalore.	11 Feb 2017
80	Mrs Sharada T	“Next generation energy storage material”	DSCE, Bangalore.	16-17 Feb 2017
81	Mr. Archana B S	Workshop on R-Language	NCET, Bangalore.	18-22 Feb 2017
82	Mr. Shivakumar B N	Recent advances in Engineering Physics	RVCE, Bangalore	27Feb-4 Mar 2017
83	Mrs. Sharada T	Shock waves in science, Engineering and Medicine	BIT, Bangalore.	24-25 March 2017
84	Dr. Manjunatha K	International Conference on Advances in Science and Engineering (ICASE-2017)	Bangkok, Thailand	20 th to 23 rd Jan 2017

85	Dr.Manjunatha.K	International conference on “Science and technology for sustainable development”	Kuala Lampur, Malaysia	24 th to 26 th May 2016
86	Dr.Manjunatha.K	National conference on “Recent advances in industrial engineering and applied chemistry”	SSIT, Tumkur	21 st & 22 nd Oct 2016
87	Dr.Manjunatha.K	Seminar on “ Teaching Methodology”	NCET, Bangalore.	8 Nov 2016
88	Dr. Manjunatha.K	FDP on “Skills for Success-Communication and relationship skills”	NCET, Bangalore.	24 Nov 2016
89	Mrs. Mamatha M	One day workshop on “Outcome based education”	NCET, Bangalore.	20 July 2016
90	Mrs. Mamatha M	A talk on “Digital e-bookstore”	NCET, Bangalore.	22 July 2016
91	Mrs. Mamatha M	Seminar on “ Teaching Methodology”	NCET, Bangalore.	8 Nov 2016
92	Mrs. Mamatha M	FDP on “Skills for Success-Communication and relationship skills”	NCET, Bangalore.	24 Nov 2016
93	Mrs. Mamatha M	“SM Study certified digital marketing professional”	NCET, Bangalore.	11 Feb 2017
94	Mrs. Shwetha. M.	One day workshop on “Outcome based education”	NCET, Bangalore.	20 July 2016
95	Mrs. Shwetha. M.	Attended National conference on “Recent advances in industrial engineering and applied	SSIT, Tumkur.	21- 22Oct 2016
96	Mrs. Shwetha. M.	Seminar on “ Teaching Methodology”	NCET, Bangalore.	8 Nov 2016
97	Mrs. Shwetha. M.	“SM Study certified digital marketing professional”	NCET, Bangalore.	11 Feb 2017
98	Mrs. Shwetha. M.	“Next generation energy storage material”	DSCE, Bangalore.	16-17 Feb 2017
99	Mrs. Shruthi. K.S	FDP on outcome based education and Blooms texonomy	NCET, Bangalore.	24 Mar 2016
100	Mrs. Shruthi. K.S	One day workshop on “Outcome based education”	NCET, Bangalore.	20 July 2016

101	Mrs. Shruthi. K.S	A talk on “Digital e-bookstore”	NCET, Bangalore.	22 July 2016
102	Mrs. Shruthi. K.S	Attended National conference on “Recent advances in industrial engineering and applied	SSIT, Tumkur.	21 st & 22 nd Oct 2016
103	Mrs. Shruthi K S	FDP on R-Language	NCET, Bangalore	18 th to 22 nd Feb 2017
104	Mrs. Shruthi. K.S	Seminar on “ Teaching Methodology”	NCET, Bangalore.	8 Nov 2016
105	Ms.Shwetha K	Seminar on “ Teaching Methodology”	NCET, Bangalore.	8 Nov 2016
106	Ms.Sukanya K	Seminar on “ Teaching Methodology”	NCET, Bangalore.	8 Nov 2016
107	KAVITHA G	FDP on “Scilab-An open Source Programming Laungage”	Nagarjuna College of Engineering and Technology	24/09/2016 to 28/09/2016
108	KAVITHA G	FDP on “Skills for success – Communication and Relationship Skills	Nagarjuna College of Engineering and Technology	24/11/2016
109	KAVITHA G	Workshop on “R-Language”	Nagarjuna College of Engineering and Technology	18/02/2017 to 22/02/2017
110	MADHURA H S	FDP on “Scilab-An open Source Programming Laungage”	Nagarjuna College of Engineering and Technology	24/09/2016 to 28/09/2016
111	MADHURA H S	FDP on “Skills for success – Communication and Relationship Skills	Nagarjuna College of Engineering and Technology	24/11/2016
112	MADHURA H S	Workshop on “R-Language”	Nagarjuna College of Engineering and Technology	18/02/2017 to 22/02/2017
113	MANJUNATHA MG	Work shop on “Outcome Based Education”	Nagarjuna College of Engineering and Technology	20/07/2016
114	MANJUNATHA MG	FDP on “Scilab-An open Source Programming Laungage	Nagarjuna College of Engineering and Technology	24/09/2016 to 28/09/2016

115	MANJUNATHA MG	World youth meet 2016	Sri Satya Sai Grama Muddenahalli	16/10/2016 to 23/10/2016
116	MANJUNATHA MG	Workshop on “R-Language”	Nagarjuna College of Engineering and Technology	18/02/2017 to 22/02/2017
117	MANJUNATHA MG	Work shop on SM Study Certified Digital Marketing Professional	Nagarjuna College of Engineering and Technology	09/02/2017 to 11/02/2017
118	MANJUNATHA MG	FDP on “Skills for success – Communication and Relationship Skills	Nagarjuna College of Engineering and Technology	24/11/2016
119	MALA K K	FDP on “Scilab-An open Source Programming Laungage”	Nagarjuna College of Engineering and Technology	24/09/2016 to 28/09/2016
120	MALA K K	FDP on “Skills for success – Communication and Relationship Skills	Nagarjuna College of Engineering and Technology	24/11/2016
121	MALA K K	Workshop on “R-Language”	Nagarjuna College of Engineering and Technology	18/02/2017 to 22/02/2017
123	GEETHA D L	FDP on “Scilab-An open Source Programming Laungage”	Nagarjuna College of Engineering and Technology	24/09/2016 to 28/09/2016
124	GEETHA D L	FDP on “Skills for success – Communication and Relationship Skills	Nagarjuna College of Engineering and Technology	24/11/2016

Co-Curricular Activities Organized in the college

1. Inter Collegiate Cultural fest - IKYA
2. Engineers Day
3. Orientation Programme for 1st year Students
4. Deputation of students & staff to seminars / conferences / workshops
5. Encouraging students to participate in VTU cultural fest & sports competitions
6. Sponsoring students for carrying out project work at reputed labs / organizations
7. Chaitanya – College Magazine
8. Sameekasha – MBA News letter
9. Alumni Meet
10. Parent Teacher Meetings
11. Student Counselling System – PR Books
12. Discussion forum for staff
13. Design and Launch of FM Radio by Students
14. Stud-Sat Programme

Highlights Grants Received

1. Rs. 30 Lakh grants from VGST – Mech Dept
2. VGST – TRIP Grant of Rs. 40,000/-
3. VTU-VGST FDP grant Rs. 2,00,000/-
4. VTU Mission 10000 grant Rs. 1,50,000/-
5. Grants for Students Projects from KSCST(Rs. 20,000/-)
6. Grants from Institution of Engineers (two projects with Rs. 50,000 each).
7. Research Grants from VTU to Mechanical and BT
8. Research Grants from DST to Mechanical Dept
9. Indo Bulgarian Research Grant – Mech Dept.
10. Research Grant from VTU to EC Department

Students and Faculty Achievements

1. Gold Medal in Civil Engineering during 2013-2014.(V. V. Deshpande Memorial Gold Medal” to Mr. RAJ KUMAR JHA (INC09CV029) for having secured Highest Marks in the subject “Irrigation Engg. & Hydraulic Structures” in 6th Semester B.E Civil Engineering)
2. 2nd rank in MBA
3. 5th rank in Mechanical Engg. Branch(Mr. Praveen G)
4. 6th Rank in Biotechnology
5. Project of the year award (KSCST)
6. Student satellite Project (STUDSAT-II) – 10 Lakhs in association with ISRO
7. Students from other colleges utilizing the lab facilities for their projects (Mechanical Department for Bio-diesel project) .
8. Total Five Faculty members of ECE, Mechanical, Civil Engg department completed their Ph.D Program

Glimpse of Cultural and Co-Curricular Activities

IKYA the cultural fest is inaugurated by Film actor Mr. Ramesh aravind and Mr. Yash on 18.3.2016. More than 500 Internal external students Participated in various Competitions



Alumni Meet of CSE Department



CSE Department Organized alumni meet in 2016 in the month of May 2016. More than 100 Distinguished alumni Participated in the event

Student Achievements

1. Mr. Megha Nidhi, our distinguished alumni being honored by Mr. Pawan Chamling, Chief minister of Sikkim state



2. IISc Climate Change Quiz Winners



Visit to ISRO



Our principal Dr. S G Gopala Krishna and Dr. Kumara swami Visited to ISRO to discuss about the project on Rovers developed by NCET Research Scholar on 14-10-2016

Interaction with Foreign Universities



Dr. N. Kapilan Professor and HOD, Mechanical Dept. visited UTM, Malaysia for “Research collaboration”

Deputing Faculty to Attend Conference Abroad



Prof. Roopashree Tantri, Professor, ISE Department and her students visited to Singapore to present a paper In IEEE international Conference



Mrs. Megha Kulkarni, Asst Professor , Department of Civil Engg visited to Malaysia to present a paper in International Conference

NCC Project Visit Gulbarga



The students and Staff of Civil Department are visited to the Site Vist to NCC project at Gulbarga

Committed To Social Service



Blood Donation Camp is organized by NCET in association with NSS and Red Cross



STUDENT INTERNET WORLD is arranged to create awareness for school children. About 1500 students are trained

Glimpse of the workshop and Seminar activities

Workshop on “Programming in GNU/Linux”



Department of Information science and Engineering organized 5 days workshops on “Programming in GNU/Linux” from 04/07/2016 to 08/7/2016.



One Week Training Programme on “Heating, Ventilation and Air-Conditioning (HVAC)” in association with ISHRAE Bangalore Chapter.