NBA Accredited
(An ISO 9001 - 2008 Certified Institution)
Affiliated to Visvesvaraya Technological University (VTU)
Recognised by Govt. of Karnataka & Approved by A.I.C.T.E. New Delhi

NAGARJUNA
COLLEGE OF ENGINEERING & TECHNOLOGY

Ref. No. NCET /...............................

Date: ....

Nagarjuna College of Engineering and Technology

Composition of Ethical Research Committee of Nagarjuna College of Engineering and Technology (NCET)

Name	Designation	Organisation
Dr. K. Gopalakrishnan	Advisor, NCET, Secretary General, University Space Engineering Consortium-India Secretary General, Indian TechnologyCongress Association (ITCA) Project Director, 75 Students' Satellites Consortium: Mission 2022	UNISEC India ITCA 75 Satellites Consortium: Mission 2022 TSC Technologies P Ltd
Dr. N. Mohandas,	Former Registrar, & Technical Advisor,MHRD, Government of India (GoI), New Delhi	Indian Institute of Science
Dr. K. Ramachandra,	Former Director, GTRE, DRDO & Former Director, NDRF	National Design and Research Forum, IEI
Dr. R. Venkatesan,	Scientist "G", Group Head, Ocean Observation Systems, NIOT	National Institute of Ocean Technology, Chennai
Dr. K. Venkatesh,	Former Executive Committee Member,VTU, COO, CIRRC, JIT	Drone Aerospace P Ltd
Dr. M.R. Pranesh,	Former Registrar & Professor (Ocean Technology), IIT-Madras	Indian Institute of Technology-Madras
Dr. J. Ramkumar,	Professor, IIT-Kanpur	Indian Institute of Technology-Kanpur
Dr. D L Venkatesh Babu	Professor, Dept of Civil, NCET	NCET
Dr. Yogeesha. H. C	Professor, Dept of Mech, NCET	NCET
Dr. S. Rohith	Associate Professor, Dept of ECE, NCET	NCET
Dr. Sandhya G	Professor, Dept of ISE, NCET	NCET
Prof. Poornima. U. K	Associate Professor, Department of Management Studies, NCET	NCET
Dr. Jitendranath Mungara	Principal, Dept of CSE, NCET, Ex-officio Member	NCET
Dr. S.G. Gopalakrishna	Director, NCET, Ex-officio Member	NCET

R&D VISION, MISSION AND OBJECTIVES
of
Nagarjuna College of Engineering and Technology (NCET)

1.   VISION, MISSION AND OBJECTIVES

1.1   Vision

a) To sensitize faculty members, students & researchers about R&D initiatives of the NCET.

b) To initiate activities for setting-up of Patent Facilitation Centres, Technology Transfer Cells and to recognize and encourage original and novel research contributions, both from within the NCET and outside, which is expected to add thrust to the Institution's R&D efforts.

c) To initiate Mentoring Programmes, Internships and Incubation at NCET.

1.2   Mission

To produce high quality Under-Graduates & Post-Graduates in Engineering, Technology, Science, Humanities, Management and Allied Science with a sound theoretical and practical knowledge and civic responsibility, who can contribute effectively to the progress of the country and society in the years to come through their chosen profession.

To establish and develop research and extension activity in Engineering and Technology courses.

NAGARJUNA
COLLEGE OF ENGINEERING & TECHNOLOGY

Goals and Objectives:

The Goals and Objectives include

a) To make the NCET a worthy knowledge centre by developing research and extension activities in association with professional bodies/industries/ research establishments;

b) To create awareness among faculty members and students about the availability and access to research grants, funding formats etc and appropriately hand hold them to get such funds/grants;

c) To development close collaboration with industry through exchange of personnel and undertaking consultancy projects;

d) To improve a strong collaboration links with other academic and research institutions in the country and abroad;

e) To sensitize/motivate the faculty members and students through structured training and inculcating the knowledge of theory of inventive problem solving in such way to adopt creative process of problem solving;

f) To provide an education and learning experience of the highest quality and value to its students in the chosen disciplines;

g) To prepare the students in attaining a comprehensive knowledge In order to face the global competition;

h) To ensure the participation of students in various R&D or Design Competitions/Awards within India and Abroad

1.3 Objectives

- To create an environment for effective teaching-learning by encouraging the students and faculty to nurture the curiosity and scientific and research temper.

- To assist the process of Induction of highly qualified, talented, competent & motivated faculty and training & dedicated supporting the administrative staff

- Establishment of excellent academic research support facilities (laboratory, library, Internet, etc.)

- Provide opportunities for continuous updating the knowledge of faculty through faculty interventions/exchanges from premier institutions and industries/R&D Labs

- Establishment of procedures and methodologies for regular monitoring and control of quality of all academic programmes

- Reforms in regulations and curriculum with greater flexibility to students

- Have strong linkage with industries/Professional Bodies

- Technology up-gradation, development and transfer

- Active participation of alumni in resource generation and planning and development

- Organising and participation of staff and students in in-house and outside training programs, seminars, conferences, workshops on continuous basis.

- Increase research and consultancy activity with options for incentives and encouragement to motivate staff and students to actively involve in research activities in collaboration with industry and R&D Centres

- Increase the number of continuing education programmes/MDPs for Industries

- Exchange of faculty and working personnel from industry
- Increase Institute-Industry interaction/Collaboration
- Entrepreneurship Development/Technology Business Incubation/startups
- Increased interaction with educational and other research establishments/ institutes.

1.4 Methodologies:

- Identify the particular areas of emerging technology/Inter-disciplinary/Multi-disciplinary Approach
- Identify the problems of particular industry/cluster/ region
- SWOT Analysis (Examining of the existing faculty members/facilities) for R&D activities
- Sensible Motivation Programmes to distinguish performers and non-performers among faculty members through financial/Non-financial Incentives
- Submit concrete proposals to funding agencies for necessary grant
- Establish/strengthen R&D facilities/Culture at the NCET in collaboration with industries/professional bodies
- Develop more research-oriented labs and centres in association/support of Industries/Professional Bodies
- Involve students in innovative technology projects/Awards/Competitions
- Research & Development oriented interventions/ programmes/education Leading to Startups and IPR
- Create national/international collaborative programmes

- Networking among Institutions/Universities for resource and expertise sharing
- Improving in service conditions of faculty members and technical staff commensurate to that of the industry to attract best faculty & staff
- Introduction of award of merit, recognition and sabbatical leave to performing faculty and staff.

1.5 Output Indicators:

- Increase in research publication, patents and technology transfer to industry
- Increase in sponsored research projects and consultancy
- Increase at Ph.D. and post-doctoral research
- Increase in the network of eminent Scientists/Think Tanks to strengthen the R&D activities of NCET
- Increase in state of art laboratories in cutting edge technologies with the support of industries/funding agencies
- Increase in national and international conferences of our own/in association with others
- Increase in qualified (minimum Ph.D.) and talented faculty.
- Substantial increase in the intake quality of students at UG/PG Programmes
- Class rooms and laboratories equipped with latest tools being used meaningfully
- Adjunct / Visiting faculty from the industry/R&D Labs/Professional Bodies
- Faculty Visit/training collaborative ventures with industry, research organizations and other academic institutions in India and aboard

- Increase in intake quality of students at M.Tech. and Ph.D. level (restructuring the existing programmes & introducing new programmes)
- Increase in the departments and Centre of Excellence
- Increase in resource generation through alumni, consultancy fee, etc.
- Increase in community services to payback to the society
- Increase in non-formal training to industry and other educational institute (Executive / Staff Development Programme)
- Lectures by distinguished professionals from industry and academic institute
- National and Global accreditation certification
- Establishment of industry sponsored Chairs
- Nurturing entrepreneurs by creating Technology Business incubators
- Exchange programmes at national and international level.

Nagarjuna College of Engineering and Technology

R&D Advisory Committee

Padmashri Prof. R. M. Vasagam
Eminent Scientist, ISRO
Former Vice-Chancellor of Anna University and Dr. MGR University

Dr. L. V. Muralikrishna Reddy
President, Indian Technology Congress Association (ITCA)
75 Students' Satellites Consortium: Mission 2022

Dr. K. Ramachandra
Former Director, Gas Turbine Research Establishment, DRDODirector, National Design
and Research Foundation

Dr. R. Venkatesan
Scientist-G, Head, Ocean Observation Systems, National Institute of Ocean
Technology,Visiting Professor, IIT-Madras & IIT-Kharagpur

Dr. Wooday P Krishna
National President, Indian Institution of Production Engineers

Dr. J. Ramkumar
Professor, Indian Institute of Technology-Kanpur

Dr. K. Gopalakrishnan
Advisor, Nagarjuna College of Engineering and Technology
Secretary General, ITCA and University Space Engineering Consortium-India
Convener, 75 Students' Satellites Consortium: Mission 2022

Nagarjuna College of Engineering & Technology (NCET): R&D Intervention Strategies with Timeline and Evaluation Metrics

Sl.No.	Roles and Responsibilities of Emeritus Professor/Advisor-R&D
1.	Developing, Implementing and Promoting the Research Strategy (*R&D Vision-Policy, IPR Policy, Guidelines etc*)
2.	Patents Filed/Published in Patent Journal- 150 to 200 in 2 yrs
3.	Efforts to Launch of Student Satellite Programs in 1-2 Years' Time Frame
4.	R & D Funding: Rs. 50 Lakhs to Rs. 2 Crores in 2 Years *(In Cash and/or Kind)*
5.	50 to 100 Publications per Year: Both Research Papers *(Leading to Impact Factor, "h" Index, "i-10" Index etc); Sensitize the Faculty Members on the Need for More Quantity and Quality of Publications (Scopus/WoS/ICI etc)*
6.	Educate All the Faculty Members Publish 50-100 Books in 2 Yrs! And make them to get ISBN Numbers for their Books!
7.	Organise Noteworthy, High Impact, Futuristic Events: 2-3 with Foreign Collaborations-Target School Students
8.	Ensure Google Scholar, ResearcherID, ORCID ID etc for all Faculty Members in 6 months
9.	Establish Network of Eminent Scientists/Academicians and Professional Connections with Global Forums etc
10.	Establish Chapters of Important Professional Bodies & Ensure Sensible Interventions/Events with them: 6-10 in 2 Yrs
11.	Sensitizing the Faculty Members on R&D and Need for Professional Network in India and Abroad
12.	International Collaborations/International Exchange Programmes/ Internships for Students and/or Faculty Membersat Foreign Universities/International Summer Schools/International Winter Schools
13.	Introduce Internships for Students at IITs/Foreign Universities /International Summer Schools
14.	Establish *6i Lab*: Imagine, Invent, Innovate, Implement, Integrate and Incubate (*6i*) Lab
15.	Get Scientific and Industrial Research Organisation (SIRO) Status from Department of Scientific and Industrial Research (DSIR) under the Scheme on Recognition of Scientific and Industrial Research Organisations
16.	Managing and Delivering All Research Projects to a High Standard with Sustained Motivation to do so by Faculty!
17.	Organically Building and Developing New Projects, Contacts and Funding Sources
18.	Awareness Program: Minimum 1 Program per Department per Semester
19.	Encouraging Submission of Proposals: Minimum 1 or 2 per Department per Month
20.	Efforts to Establish Technology Business Incubation Centre: Startups: Minimum 25-50 in 2 Yrs
21.	Major Proposals (Rs.10 Lakh and above): Minimum 2 per Department per Annum
22.	Establishment of Centres for Innovation and IPR, Technopreneurship Development etc
23.	Assisting in NIRF/NBA/NAAC/ABET Processes! *University Related Documentations/USPs/Priorities, if any!* Any other Activities/Responsibilities/Priorities as per Needs as Assigned by the Management

Nagarjuna College of Engineering and Technology

Composition of Research Advisory Committee/Board of Nagarjuna College of Engineering and Technology (NCET)

Name	Designation	Internal/ External	Organisation
Padma Shri. Prof. R. M. Vasagam	Chairman, Research Advisory Board of NHCE, Eminent Scientist, ISRO, Former Vice Chancellor, Anna University and Dr. MGR University	External	World Academy of Engineers
Dr. K. Gopalakrishnan	Secretary General, University Space Engineering Consortium-India Secretary General, Indian Technology Congress Association Convener, 75 Students' Satellites Consortium: Mission 2022	External	UNISEC India ITCA 75 satellites Consortium: Mission 2022
Dr. N. Mohandas,	Former Registrar, & Technical Advisor, MHRD, Government of India (GoI), New Delhi	External	Indian Institute of Science
Dr. V. S. Somanath,	Former Chairman, KSIIDC	External	Venture Capital Investments
Dr. K. Ramachandra,	Former Director, GTRE, DRDO & Former Director, NDRF	External	National Design and Research Forum
Dr. R. Venkatesan,	Scientist "G", Group Head, Ocean Observation Systems, NIOT	External	National Institute of Ocean Technology, Chennai
Dr. K. Venkatesh,	Former Executive Committee Member, VTU, COO, CIRRC, JIT	External	Drone Aerospace P Ltd
Dr. M.R. Pranesh,	Former Registrar & Professor (Ocean Technology), IIT-Madras	External	Indian Institute of Technology-Madras
Dr. S. Ravichandran	Former Vice Chancellor, St. Peters University & CEO & Chief Scientist, KPTech P Ltd	External	KP Technologies P Ltd, Chennai
Dr. J. Ramkumar,	Professor, IIT-Kanpur	External	Indian Institute of Technology-Kanpur
Dr. L. V. Muralikrishna Reddy	President, BRICS FEO & Past President, IEI and Emeritus Professor	Internal	BRICS Federation of Engineering Organisation
Dr. Wooday P Krishna	President, Indian Institution of Production Engineers & Emeritus Professor	Internal	Indian Institution of Production Engineers
Dr. Jitendranath Mungara	Principal, NCET, Ex-officio Member	Internal	NCET
Dr. S.G. Gopalakrishna	Director	Internal	NCET

NAGARJUNA
COLLEGE OF ENGINEERING & TECHNOLOGY

Ref. No. NCET /...............................

Date: ....

Nagarjuna College of Engineering and Technology

Composition of Ethics Committee of
Nagarjuna College of Engineering and Technology (NCET)

Sl No	Name	Position	Department
1	Dr Jitendranath Mungara	Principal	CSE
2	Dr. S. G. Gopala Krishna	Director	ME
3	Dr Venkatesh Babu D L	HOD	Civil
4	Dr Nagesha K N	HOD	EC
5	Dr Yogesha H C	HOD	ME
6	Dr Sarvesha M V	HOD	Mathematics
7	Prof Shardha S	HOD	Physics
8	Dr Manjunath K	HOD	Chemistry

PRINCIPAL
Nagarjuna College of Engineering & Technology
Devanahalli (Tq) Bengaluru (Dt.)-Pin: 562164

Ref. No. NCET /...............................

Date: ....

Nagarjuna College of Engineering and Technology

Composition of Research Advisory Committee/Board of Nagarjuna College of Engineering and Technology (NCET)

Name	Designation	Internal/ External	Organisation
Padma Shri. Prof. R. M. Vasagam	Chairman, Research Advisory Board of NHCE, Eminent Scientist, ISRO, Former Vice Chancellor, Anna University and Dr. MGR University	External	World Academy of Engineers
Dr. K. Gopalakrishnan	Secretary General, University Space Engineering Consortium-India Secretary General, Indian Technology Congress Association (ITCA) Project Director, 75 Students' Satellites Consortium: Mission 2022	External	UNISEC India ITCA 75 Satellites Consortium: Mission 2022 TSC Technologies P Ltd
Dr. N. Mohandas,	Former Registrar, & Technical Advisor, MHRD, Government of India (GoI), New Delhi	External	Indian Institute of Science
Dr. V. S. Somanath,	Former Chairman, KSIIDC	External	Venture Capital Investments
Dr. K. Ramachandra,	Former Director, GTRE, DRDO & Former Director, NDRF	External	National Design and Research Forum, IEI
Dr. R. Venkatesan,	Scientist "G", Group Head, Ocean Observation Systems, NIOT	External	National Institute of Ocean Technology, Chennai
Dr. K. Venkatesh,	Former Executive Committee Member, VTU, COO, CIRRC, JIT	External	Drone Aerospace P Ltd
Dr. M.R. Pranesh,	Former Registrar & Professor (Ocean Technology), IIT-Madras	External	Indian Institute of Technology-Madras
Dr. S. Ravichandran	Former Vice Chancellor, St. Peters University & CEO & Chief Scientist, KPTech P Ltd	External	KP Technologies P Ltd, Chennai
Dr. J. Ramkumar,	Professor, IIT-Kanpur	External	Indian Institute of Technology-Kanpur
Dr. L. V. Muralikrishna Reddy	President, BRICS FFO & Past President, IEI and Emeritus Professor	Internal	BRICS Federation of Engineering Organisation
Dr. Wooday P Krishna	President, Indian Institution of Production Engineers & Emeritus Professor	Internal	Indian Institution of Production Engineers
Dr. Jitendranath Mungara	Principal, NCET, Ex-officio Member	Internal	NCET
Dr. S.G. Gopalakrishna	Director, NCET, Ex-officio Member	Internal	NCET

Effectiveness Report for:

Nagarjuna College of Engineering andTechnology, Bengaluru

The following report provides a look into the levels of usage of Turnitin at your institution.

Included subaccounts:

Nagarjuna College of Engineering andTechnology, Bengaluru (Account Number 122525)

Shekar K (Account Number 123016)

turnitin

Nagarjuna College of Engineering andTechnology, Bengaluru

Submission Volume Over Time

The chart below shows the monthly totals of submissions to Turnitin Feedback Studio from your institution in the last 3 academic years.

Total: 0

Total: 260

Total: 358
Change:+38%