

Technically Sponsored by



Advisory Committee

Suhas Joshi	Director, IIT Indore
Chetansing Solanki	Professor, IIT Bombay
A.K. Prakash	VP(R&D) Varroc Pune
Naveen Gautam	MD Hella India Automotive Ltd. Pune
S. Ramdurgkar	Managing Partner AGE Motors, Karad
S.N. Kulkarni	Senior Consultant TCS Pune
Manjra Sinha	Assistant Professor IIT Kharagpur
Ms. S. Kilania	Manager L&T Faridabad
Gajendra Tyagi	DGM, NBCC Ltd. Delhi
C. Suresh Ram	Manager, TCE Bangaluru
Suresh Reddy	Woosong University South Korea
Hemant Sankala,	MAS Design India, Mumbai
Shridhar Bhat,	Founder, Sarvah Systems Pune
Praveen Pawar	Zade Global Systems Pune

About Conference

The paradigm of sustainable development is essential for an enhanced future. Science, engineering and technology therefore need to adopt sustainable development in four dimensions which include energy, mobility, environment and infrastructure along with intelligent computation for smart future.

While commemorating 75 years of progressive India, GCEK organizes a national conference to congregate contributors in the domains of energy, mobility, environment and data science that will lead to sustainable development. This will benefit students, researchers, academicians and practitioners from all nooks and corners of the nation.

Organizing Committee

Prof P. M. Joshi	Prof S. J. Wagh
Prof R. K. Shrivastava	B.A. Konnur
Mrs. S. R. Kulkarni	B. S. Patil
Dr. L. V. Ekhande	Dr. V. S. Patil
Dr. K. S. Alsundkar	Dr. U. V. Patil
Dr. Anil Acharya	Dr. S.K. Patil

About Institute

Government College of Engineering, Karad is situated near the confluence of rivers Krishna and Koyana amidst lush green nature. It is one the premier autonomous institutes of Government of Maharashtra. It has a legacy of 62 years of academic excellence. The institute is affiliated to Shivaji University, Kolhapur. The Institute offers UG engineering program in Civil, Mechanical, Electrical, Information Technology and Electronics & Telecommunication along with eight PG programs which include Construction Management, Structural Engineering, Heat Power Engineering, Production Engineering, Design Engineering, Computer Science Power System Engineering along with Master of Computer Application.



Government College of Engineering, Karad

(An Autonomous Institute of Govt. of Maharashtra)
Vidyanagar, Karad, District-Satara, Pin- 415124

<https://www.gcekarad.com>



National Conference on Advances in Science, Engineering and Technology for Sustainable Development

During 20th –21thMay 2022

Patrons

Shri.Vikas.C. Rastogi
Principal Secretary, H &TE Department
Dr. Abhay Wagh- Director, DTE, Maharashtra
Dr. D. V. Jadhav - Joint Director, RDTE, Pune

Chairman

Dr. A. T. Pise
Principal, GCOE Karad

Convener

Dr. Shailaja R. Kurode

Organizing Secretary

Dr. Suhas Deshmukh

Joint Organizing Secretary

A. B. Landage

Call for papers

Prospective authors are invited to submit their original contributions as a full-length paper at <https://easychair.org/conferences/?conf=ncasetsd2022>.

The paper must confirm but not limited to the following:

Electrical Engineering: Advances in Power Electronics and Control for Renewable Energy Integration, Advances in Drives & Charging for EVs, Power Quality Monitoring, E-mobility, Consumption and Control in Smart Cities.

Civil Engineering: Green Building, Passive Solar Architecture, Water Resources, Smart Cities, Sustainable Environmental Engineering, GIS and Remote Sensing.

Mechanical Engineering: Industry 4.0 (Design, Mechanism, CPS), Energy Systems for Sustainable Development.

Electronics & Telecommunication: Smart Electronic Systems, Artificial Intelligence for Sustainability, Sustainable IOT, Green Communication, 5G Network.

Computer & IT Engineering / MCA: Smart Computing, Intelligent Systems, Optimization and Soft Computing, Networks and Systems, Digital Transformation

Applied Science & Mathematics: Advances in Smart Materials for Sustainability, Green Chemistry, & Mathematics for Sustainability.

Registration Fees

Registration fee is to be paid in online mode

Students (UG/PG/PhD)	1000
Students (UG/PG/PhD) IEEE member	500
Faculty	2000
Faculty with IEEE Membership	1000
Industry Professional	3500

Conference Highlights

- 02 plenary talks & 10 Keynote speeches by eminent speakers
- Best paper award for each track
- Best Presenter award for each track.
- Possibility to publish the extended version of the papers in SCOPUS journal.
- Industry Product exhibition

Contact

 <https://www.ncasetsd2022.com>

 ncasetsd22@gcekarad.ac.in

 8149197915, 9657795507, 8600430830

How to reach

Nearest airport: Lohegaon airport, Pune. Besides flying one can also reach Karad via rail. Karad is one of the most popular train stations in Karad. By road Karad is surrounded by Satara, Sangli-Miraj Kupwad, Kolhapur which are 29.95 km, 38.41 km, 40.59 km away respectively.

Accommodation

Accommodation will be provided in hostel room/Guest house to the participants. The hotels are also available at reasonable rate near conference venue.

Tourist Attraction

‘Karad’ is natural Gem of Maharashtra, amidst hills and rivers. It welcomes you with a refreshing mountain air and enchanting views of verdant valleys, gushing streams, green sugarcane fields and unique monuments.

Powerful leaders from the period of Marathas and Peshwas to the Mughals and the British dynasty, have left their marks on the land.

Karad is renowned for its scenic attraction. The greenery-clad Karad hill with gentle slope appeals the trekkers.



The exquisite confluence of the two rivers Krishna and Koyna, known as the ‘PreetiSangam’ is mesmerizing.

Sadashivgad Hill, Vasantgad fort are magnificent among the oldest hill fortresses in Maharashtra.

