



St. MARTIN'S ENGINEERING COLLEGE

An Autonomous Institute
Dhulapally, Secunderabad, Telangana State, I-500100.
NBA & NAAC A+ ACCREDITED



India's First National Level Online Innovation Competition

TECHNOVATION - 2020

(15th-16th October 2020)



ORGANIZED BY DEPARTMENT OF MECHANICAL, CIVIL, EEE & ECE

Registration Now on : <https://forms.gle/e9NsuciyCY1w8BKq6>

E- Mail : technovation@smec.ac.in

E- Certificate
for all
Participants



Win Prizes
Worth
5 Lakhs

CONTACT US
Mr. B Ashok Kumar -9966805414
Mr. K. V. Govardhan Rao-7095665444
Ms. J. K. Sandhya Kiran - 9133459549

Registration
Fee 500 INR
per team



Advisor
Sri. Ch. Malla Reddy,
Minister, Labour & Factories, Employment, Telangana

Chief Patrons
Sri. M. Laxman Reddy, Chairman
Sri. G. Durgaiah Yadav, Vice - Chairman
Sri. G. Narasimha Yadav, Treasurer
Sri. Ch. Mahender Reddy, Secretary & Correspondent
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Sri. G. Raja Shekar Yadav, Director

Patron & Program chair
Dr. P. Santosh Kumar Patra, Principal

Convener
Dr. D.V. Sreekanth, HOD MECH

Organizing Secretary
Dr. N. Ramchandra, HOD EEE

Co-Conveners
Dr. B. Hari Krishna, HOD, ECE
Prof. T. Sai Krishna Teja, HOD, CIVIL

Topics
Robotics
3D Printing, 3D Concrete
Advance Welding, Joining's
E- Mobility, Automobile
Advanced Manufacturing
Embedded Systems

Geopolymer Concrete
Solar & Wind Energy
Electrical Drives
Advance Irrigation Techniques
AI & ML
IOT, Smart Communication
Health & Elderly care

Chief Guests

Dr. A. Govardhan, Rector, JNTUH

Dr. K. Vijaya Kumar Reddy, Director, DRD, JNTUH

Advisory Committee

Dr. N. Venkat Reddy, IIT, Hyderabad, India

Dr. R. Jose Immanuel, IIT, Bhilai, India

Dr. Sumitra Sharma, NIT Silchar, India

Advisor

Sri. Ch. Malla Reddy, Minister,

Labour & Employment, Factories, Telangana State

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Coordinators

Mr. Balaji D Tandle, Associate Professor, ME

Mr. B. Ashok, Assistant Professor, ME

Mr. M.B. Naik, Associate Professor, ME

Mr. K. Nishakar, Associate Professor, ECE

Mr. B. Ravichander, Assistant Professor, ECE

Mr. K. V. Govardhan Rao, Assistant Professor, EEE

Mr. B. Bharat Kumar, Assistant Professor, EEE

Ms. T.V. Sai Kalyani, Assistant Professor, EEE

Mr. G. Siva Vignan, Assistant Professor, CIVIL

Ms. J. K. Sandhya Kiran, Assistant Professor, CIVIL

Mr. V. Hema Sekhar, Assistant Professor, CIVIL

Mr. R. Alekya, Assistant Professor, ECE

About the College

St. Martin's Engineering College, an Autonomous Institution, situated in an eco-friendly environment, with state-of-art infrastructure. College has achieved the prestigious grade A+ from NAAC, UGC Paramarsh mentor, NBA accredited, ISO certified, DSIR Recognition, Remote center of IIT Bombay, Member of CII and MSME certified Institution. Signed more than 82 MoUs with major companies' and institutions. Careers 360 Certified as AA+; Competition Success Review Ranked 3 out of 20; Career Connect Ranked 13 'Best Engineering Colleges of India and Wikipedia Ranked 8th in Telangana. The college is bestowed with the glorious Governor Award twice; The Engineering Educators' Award 2019; NIRDPR Award (Govt. of India); IDF Best Partner Award; Dewang Mehta Award; TCS ION Award; CSI Award (Students Chapter); Best Innovation by Federation of Gujarat Industries and Street Cause-Most Dedicated Division. Best Sports College by Stumagz, Telangana, - National Leadership Excellence Award- 2019 by ICCI.



India's First National Level Online Innovation Competition

Technovation-2020

15th-16th October 2020



Win Prizes Worth 5 lakhs

Organized by

Department of Mechanical, Civil, EEE & Electronics and Communication Engineering
St. Martin's Engineering College

An Autonomous Institute

A Non-Minority College | Approved by AICTE | Affiliated to JNTUH, Hyderabad | NAAC-Accredited 'A+' Grade | 2(f) & 12(B) status (UGC) ISO 9001:2008 Certified | NBA Accredited | SIRO (DSIR) | UGC-Paramarsh | Recognized Remote Centre of IIT.

Dhulapally, Secunderabad - 500100

www.smeac.ac.in



About Technovation

Technovation 2020 aims to provide common platform to all the Young and Dynamic Under Graduate Engineering/Degree Students from all National Level colleges to exhibit their innovative ideas and projects in different fields of Science, Engineering and Technologies like Robotics , 3D Printing, 3D Concrete, Automobile, Advance Welding, E- Mobility, Advanced Manufacturing Techniques, Geopolymer Concrete, Solar & Wind Energy, Electrical Drives, Advance Irrigation Techniques for Agriculture, AI & ML, IOT, Health & Elderly care and other new trends in Mechanical, Civil, EEE and Electronics & Communications engineering. This Competition mainly provides a premier interdisciplinary platform for the students to present and discuss their authentic and innovative ideas, trends and concerns as well as challenges encountered and solutions adopted in the advanced fields of Science, Engineering and Technology. The current worldwide situation regarding COVID-19 is seriously affecting all travel plans to/from Telangana. Therefore, it has been decided to organize Technovation - 2020 as an online event.

Technovation Topics

- Robotics
- 3D Printing, 3D Concrete
- Advance Welding, Joining's
- E- Mobility, Automobile
- Advanced Manufacturing Techniques
- Geopolymer Concrete
- Solar & Wind Energy
- Electrical Drives
- Advance Irrigation Techniques for Agriculture
- AI & ML
- IOT, Smart Communication
- Health & Elderly care

Send your Innovations only in .doc/Pdf format along with Payment receipt to: technovation@smec.ac.in

Prizes: More than 5 lakhs worth

(Laptops, Tablets, Smart Phones, Smart Watches & many more consolation Prizes with Certificate of Merit)

Registration Fee: Rs. 500/- (Per Team)

Last date for Registration: **12th October 2020**

Organizing Committee

Dr. A. A. Babu, Dean Academics
Dr. D. Ranadheer Reddy, HOD, H&S
Dr. Y. Venkata Rangaiah, HOD, MBA
Dr. R. Nagaraju, HOD, IT
Dr. M Anuradha, HOD, CSE

Contact us

Mr. B. Ashok Kumar, Mob: **9966805414**

Mr. Balaji D Tandle, Mob: **7416308575**

Mr. K. V. Govardhan Rao, Mob: **7095665444**

Ms. J. K. Sandhya Kiran, Mob: **9133459539**

Mr. K. Nishakar, Mob: **9866563737**

Mr. B. Ravichander, Mob: **9866563737**

Guidelines for Participants:

1. Technovation - 2020 will be conducted using Online Platform. Only UG students from National Engineering/ Degree Universities/ Institutes are eligible to participate.

2. The team size should be limited from one to a maximum of four students.

3. The team should submit the documentation and a video of their innovation/project along with a registration form.

4. The documentation is to be submitted with a maximum word limit of 600 words and should include the following parameters

a. Creativity: This parameter should consist of a description of your innovation (what is your innovation?) in a maximum of 250 words.

b. Usage: In this parameter the application of your innovation should be explained in detail mentioning the application domain or area. Some detailed pictures of your innovation can also be incorporated. The maximum word limit will be 250.

c. Scope for Commercialization: In this parameter the scope for making your innovation as a commercialized product should be explained in a maximum of 100 words. Note: The documentation should be submitted in a single PDF file of maximum 10MB size limit.

5. A video of your innovation product should be recorded and the video should be uploaded in your own YOUTUBE channel. The YOUTUBE URL link should be submitted along with the registration form. The video length should not exceed more than 10 minutes duration. The scrutiny committee will finalize the best innovations, which will be allowed to participate.

Registration Link:

<https://forms.gle/e9NsucivCY1w8BKq6>



**St. Martin's
Engineering College**

An Autonomous Institution
Dhulapally, Kompally,
Secunderabad-500100, Telangana,
India



**India's First National Level Online Innovation
Competition**

Technovation-2020

15th-16th October 2020

Registration Form

Name: _____

Designation: _____

Department: _____

College / Industry _____

Phone: _____

E-Mail ID: _____

Transaction Ref No: _____

Transaction Date: _____

Payment Details: Online transaction only

Account Details: (Current Account)

Account Name: PRINCIPAL, St. Martin's Engineering
College Bank Name: SBI, Kukatpally, Hyderabad

Account No: 30667640268

IFSC code: SBIN0011664



E-Certificate will be provided to all participants

**Prizes will be sent through post or in the form of
Gift card**