

**TEQIP Sponsored & ISTE Approved
International Conference on
“Research and Innovations in Science, Engineering & Technology”
ICRISET 17-19 February, 2017**

Common Schedule for All Track

Date	Time	Activity	Venue
17/02/2017	9:00 am To 10:00 am	Registration & High Tea	BVM Main gate Prof. M.M.Solanki
17/02/2017	10:00 am To 11:30 am	Conference - Technical Keynote Speech	Auditorium
17/02/2017	4:00 pm To 5:30 pm	Conference Inaugural function	Auditorium Prof. A.A.Shaikh
19/02/2017	2:15 pm To 3:15 pm	Open House	Auditorium
19/02/2017	3:15 pm onwards	Valedictory Function	Auditorium Prof. A.A.Shaikh

- Lunch break: 1:15 to 2:15 PM
- Tea break: 3:45 to 4:00 PM

Track: Civil			
Date: 17/02/2017			
Time	Activity	Session Chair/ Key-note Speaker	Venue and Faculty In-Charge
11:45 am To 1:15 pm	Track wise key-note Speech	Prof Ranjith Dissanakye	C-231 Civil Engg. Seminar Hall Dr A K Verma
2:15 pm To 03:45 pm	Session -I (Transportation Engg)	Dr G.J. Joshi	Room C-127 Prof. C. B. Mishra
Date: 18/02/2017			
10:00 am To 11:30 am	Session-II	Prof. (Dr) P. J. Gundaliya	Room C-127 Prof A. A. Amin
11:30 am To 11:45 am	Break		
11:45 am To 1:15 pm	Track wise key-note Speech	Dr. Mahesh Kumar Jat	C-231 Civil Engg Seminar Hall Dr L B Zala & Dr. S D Dhiman
2:15 pm To 03:45 pm	Session III	Prof (Dr) H M Patel	Room C-127- Dr J A Pitroda
4:00 pm To 5:30 pm	Session -IV	Prof. (Dr.) A V Thomas	Room C-127- Prof J J Bhavsar
Date: 19/02/2017			
10:00 am To 11:30 am	Session - V	Dr.Ganesh A.Devkar	Room C-127 P.J.Shah

Track: Structural Engineering			
Date: 17/02/2017			
Time	Activity	Session Chair / Key-note Speaker	Venue and Faculty In-Charge
11:45 am to 1:15 pm	Track wise key-note Speech	Dr. Ranjith Dissanayake	C231 Dr. A. K. Verma
2:15 pm to 03:45 pm	Session –I	Dr. V. R. Panchal	A203A Prof. Vishal B. Patel
Date: 18/02/2017			
10:00 am to 11:30 am	Session –II-A	Dr. D. L. Shah	A203A-Prof. B. R. Dalwadi
	Session –II-B	Dr. J. D. Rathod	E205B-Dr. D. A. Sinha
11:30 am to 11:45 am	Break		
11:45 am to 1:15 pm	Track wise key-note Speech	Dr. Maheshkumar Jat	C231- Dr L B Zala
2:15 pm to 03:45 pm	Session –III-A	Dr. D. P. Soni	A203A-Prof. V. V. Agrawal
	Session –III-B	Dr. C. D. Modhera	E205B -Prof. Elizabeth George
3:45 pm to 4:00 pm	Tea Break		
4:00 pm to 5:30 pm	Session –IV	Dr. D. P. Soni	A203A-Prof. V. B. Patel
Date: 19/02/2017			
10:00 am to 11:30 am	Session –V	Dr. U. V. Dave	A203A-Dr. D. A. Sinha
11:30 am to 11:45 am	Break		
11:45 am to 1:15 pm	Session –VI	Dr. Ranjith Dissanayake	A203A Prof. S. B. Patel

Track: Mathematics and Humanities			
Date: 17/02/2017			
Time	Activity	Session Chair / Key-note Speaker	Venue and Faculty In-Charge
11:45 am To 1:15 pm	Track wise key-note Speech	Dr S J Bhatt	B-304,Second Floor-Building-B-Dr T A Desai
2:15 pm To 03:45 pm	Session -I	Dr H S Mehta	B-304Class Room,Building-B Prof A N Roghelia
Date: 18/02/2017			
10:00 am To 11:30 am	Session-II	Dr D C Wakaskar	B-304,Second Floor-Building-B-Dr T A Desai
11:30 am To 11:45 am	Break		
11:45 am To 1:15 pm	Track wise key-note Speech	Dr R K George	B-304,Second Floor-Building-B-Dr T A Desai
2:15 pm To 03:45 pm	Track wise key-note Speech	Dr D C Wakaskar	B-304,Second Floor-Building-B Dr M E Shimpi
4:00 pm To 5:30 pm	Session -III	Dr V N Mishra	B-304,Second Floor-Building-B Dr R B Gandhi
Date: 19/02/2017			
10:00 am To 11:30 am	Track wise key-note Speech	Dr V N Mishra	B-304,Second Floor-Building-B Dr R B Gandhi
11:30 am To 11:45 am	Break		
11:45 am To 1:15 pm	Session-IV	Dr V N Mishra	B-304,Second Floor-Building-B Dr R B Gandhi

Track: CP/IT			
Date: 17/02/2017			
Time	Activity	Session Chair/ Key-note Speaker	Venue and Faculty In-Charge
11:45 am To 1:15 pm	Track key-note Speech	Prof. Rajiv Ranjan	Auditorium Dr N M Patel ,Prof N B Prajapati & Miss Nirali Patel
2:15 pm To 03:45 pm	Session-I	Dr Hiren Patel	Physics Lab, F Block Prof Mosin Hasan & Prof Vikram M. Agrawal
Date: 18/02/2017			
10:00 am To 11:30 am	Session -II	Prof. Rajiv Ranjan	Physics Lab,F Block Prof Kirti sharma, Prof Kanu Patel & Prof Vastal shah
11:30 am To 11:45 am	Break		
11:45 am To 1:15 pm	key-note Speech	Mr Sagi Sravan Kumar	LRUC
2:15 pm To 03:45 pm	Session -III	Dr Mehul Raval	Physics Lab,F Block Prof M J joshi , Prof Krupali Shah &Prof. Vishal Polara
4:00 pm To 5:30 pm	Session -IV	Dr Amit Ganatra	Physics Lab,F Block Prof Keyur Bhrambhatt, Prof bhavesh Tanawala & Prof. Priyank Bhojak
Date: 19/02/2017			
10:00 am To 11:30 am	Track key-note Speech	Dr Sumantra Duttaroy	LRUC Dr M M Vegad& Prof Nikita Patel
11:30 am To 11:45 am	Break		
11:45 am To 1:15 pm	Session-V	Sumantra Duttaroy	Physics Lab,F Block Prof Samip Patel, Prof. Prachi Shah& Miss Khushbu Panchal

Track: EC/EL			
Date: 17/02/2017			
Time	Activity	Session Chair/ Key-note Speaker	Venue and Faculty In-Charge
11:45 am To 1:15 pm	Key note Speech	Mr. Kashyap Jani	LRUC, Mr. R. C. Rana
2:15 pm To 03:45 pm	Session – I	Mr. Kashyap Jani	F-104 Microprocessor Lab (Prof. R.C. Rana)
Date: 18/02/2017			
10:00 am To 11:30 am	Session –II	Dr. R. A. Thakker	F-104 Microprocessor Lab (Prof. A.Vahora)
11:30 am To 11:45 am	Break		
11:45 am To 1:15 pm	Key note Speech	Mr Sagi Sravan Kumar	LRUC-Prof. R.C. Rana,Prof. A. Vahora
2:15 pm To 03:45 pm	Session –III	Dr. Mihir Shah	F-104 Microprocessor Lab (Prof. R.C. Rana)
4:00 pm To 5:30 pm	Session –IV	Dr. Y. B. Shukala,	F-104 Microprocessor Lab (Prof. R.P.Paul)
Date: 19/02/2017			
10:00 am To 11:30 am	CP/IT Track key-note Speech – 1	Dr Sumantra Duttaroy	LRUC Dr M M Vegad& Prof Nikita Patel
11:30 am To 11:45 am	Break		
11:45 am To 1:15 pm	Session V	Dr. Nagendra Gajjar	F-104 Microprocessor Lab (Prof. A.Vahora)

Track: ELECTRICAL			
Date: 17/02/2017			
Time	Activity	Session Chair/ Key-note Speaker	Venue and Faculty In-Charge
11:45 am To 1:15 pm	Session - I	Prof S.K.Joshi	PG Seminar Room (A220), EE Dept. Prof. Akshay Pandya
2:15 pm To 03:45 pm	Track key-note Speech	Prof. Sukumar Brahma	LRUC, Prof. Akshay Pandya
Date: 18/02/2017			
10:00 am To 11:30 am	-----	-----	-----
11:45 am To 1:15 pm	Session-II	Dr. Pranav Darji	PG Seminar Room (A220), EE Dept. Prof. Akshay Pandya
2:15 pm To 03:45 pm	Track wise key-note Speech	Prof. B. G. Fernandes	LRUC, Library Hall, Prof. Akshay Pandya
3:45 pm To 4:00 pm	Tea Break		
4:00 pm To 5:30 pm	Session -III	Dr. S. R. Joshi	PG Seminar Room (A220), EE Dept. Prof. Akshay Pandya
Date: 19/02/2017			
10:00 am To 11:30 am	Session-IV	Dr. Bhavik Suthar,	PG Seminar Room (A220), EE Dept. Prof. Akshay Pandya
11:30 am To 11:45 am	Break		
11:45 am To 1:15 pm	Session-V	Dr. S. N. Pandya,	PG Seminar Room (A220), EE Dept. Prof. Akshay Pandya

Track: MECHANICAL			
Date: 17/02/2017			
Time	Activity	Session Chair/ Key-note Speaker	Venue and Faculty In-Charge
11.45 am to 1.15 pm	Track wise key-note Speech	Dr. Bhramakar	C206 –Conference Room, Mechanical Department Prof J. R. Koisha
2:15 pm To 03:45 pm	Session I A	Dr. K. B. Judal	C206 –Conference Room, Mechanical Department Prof. J. R. Koisha
2:15 pm To 03:45 pm	Session I B	Dr. Ajit Shukla	C222 – Computational Laboratory, Production Department, Prof. A H. Jaria
Date: 18/02/2017			
10.00 am to 11.30 pm	Track wise key-note Speech	Dr. Sanjay Upadhyay	C206 –Conference Room, Mechanical Department Prof. Vipui Chaudhari
11.30 am to 11.45 am	Break		
11.45 am to 1.15 pm	Session II	Prof. P. D. Solanki	C206 –Conference Room, Mechanical Department Prof. Vipui Chaudhari
2:15 pm To 03:45 pm	Session III-A	Dr. R. K. Shukla	C222 – Computational Laboratory, Production Department Prof. A. H. Jaria
2:15 pm To 03:45 pm	Session III-B	Dr. J. M. Patel	C206 –Conference Room, Mechanical Department Prof. Ronak Patel
4:00 pm To 5:30 pm	Session IV	Dr. Jitendra Vadher	C206 –Conference Room, Mechanical Department Prof. Ronak Patel
Date: 19/02/2017			
11:45 am To 1:15 pm	Session V	Dr. Neeraj Agrawal	C206 –Conference Room, Mechanical Engineering Department Prof. A. H. Jaria

Track: Civil**DATE: 17/02/2017****2:15 pm To 03:45 pm****Session – I****Venue: Room C-127, Near Transportation Engg. Lab . Ground Floor-Building-C**

Sr. No	Authors	Paper ID	Paper Title
1	Rewati Marathe	32	A viability study for implementing Monorail as a Transit System for urban arterial road: A Case Study of Ahmedabad.
2	Toral Vyas and Rena Shukla	58	Analyzing Urban Population Density Gradient For Morbi City
3	Jayeshkumar Raba and Rena Shukla	61	Economic Analysis Of Flyover On Bopal Junction Along S.P. Ring Road, Ahmedabad
4	Dhvani Patel and Rena Shukla	78	Cost Calculation Of Fuel Loss During Idling Of Vehicles At Income Tax And Vijay Cross Road Of Ahmedabad City
5	Bharvi Shah and Dr. Laxmansinh Zala	121	Mode Shift Analysis for Industrial Workers- A Case Study of Two Industrial Zones (GIDC Makkarpura and Por- Vadodara)
6	Shaleha Vahora and Chandravadan Mishra	145	Study of Retained Stability on Warm Bituminous Mix
7	Neha Bali and Dr. Laxmansinh Zala	150	Influence of Mall on Trip Generating Area

DATE: 18/02/2017**10:00 am To 11:30 am****Session – II****Venue: Room C-127, Near Transportation Engg. Lab . Ground Floor-Building-C**

Sr. No	Authors	Paper ID	Paper Title
1	Supriya Mahida and C. B. Mishra	161	Evaluating the efficacy of warm mix asphalt
2	Saiyad Shabazahara and Dr L. B. Zala	177	Capacities and LOS as Measures of Performance Evaluation of Intersections in Anand City

3	Shaleha Vahora and Chandravadan Mishra	224	Benchmarking: Green Aviation Transport System
4	Divyesh Patel and Rena Shukla	249	Effect of Bus rapid transit system on urban corridor
5	Darshan Patel and C.B. Mishra	316	Nano Material for Highway Infrastructure
6	Alpesh Sankhat, C.B. Mishra and Dr. Shailesh Parmar	318	Hearing loss due to traffic noise – A case study of Una Town
7	Charmin Jarsania, Prof. Nekzad Umrigar, Prof.Monicaba Vala and Dr.L.B.Zala	331	Performance evaluation of public bus transport using multi criteria decision making tool: A review

DATE: 18/02/2017

2:15 pm To 03:45 pm

Session – III

Venue: Room C-127, Near Transportation Engg. Lab . Ground Floor-Building-C

Sr. No	Authors	Paper ID	Paper Title
1	Jaykumar Patel, Hirva Salvi and Neha Patel	127	Ambient Air Quality Assessment Using Air Quality Index Of Delhi
2	Dharmesh Modi, Subhash Bhandari and L B Zala	222	Land Feature Extraction-Identification And Discrimination Using Geospatial Technique
3	S. Khandelwal and Dr. S. D. Dhiman	237	Estimation Of Net Irrigation Requirements Of Crops In The Deterministic And Stochastic Regimes For Limbasi Canal Command Area
4	Rahul Patel, Dr S M Yadav and Sahita Waikhom	294	Estimation of suspended sediment concentration in lined canal
5	Pranali Shah and	305	Feasibility Analysis Of Intermittent Water Distribution System For Chhani

	Neha Patel		Area Using EPANET 2.0
6	Anjali Prajapati and Arti Pamnani	323	Municipal Solid Waste Management Of Medium Scale Town Of South Gujarat Region
7	Prof. R.L. Patel, Dr. S.D. Dhiman	326	Groundwater Quality Assessment For Irrigation Water Use In Mahi Right Bank Command Area, Gujarat, India
8	Hasmukh Chauhan	375	Overview Of Remotely Sensed Hyperspectral Image Analysis
9	Khadeja Priyan and Ratnasharan Panchal	389	Micro-Irrigation: An Efficient Technology For India's Sustainable Agricultural Growth
10	Paresha Baria and Dr S M Yadav	433	Evolution of ENSO Related Rainfall Anomalies for Lower Tapi River, India

DATE: 18/02/2017

Session – IV

4:00 pm To 5:30 pm

Venue: Room C-127, Near Transportation Engg. Lab . Ground Floor-Building-C

Sr. No	Authors	Paper ID	Paper Title
1	Pranav Chovatiya, Amit Bhavsar and Akash Shah	17	A Review On Integration Of Primavera And GIS For Effective Project Management
2	Kaushal Patel, Prof Mrs Reshma Patel and Dr Jayeshkumar Pitroda	30	Environmental And Technical Feasibility Study On Utilization Of Textile Effluent Treatment Plant Sludge As A Construction Material: A Review
3	Fenal Patel, Prof Mrs Reshma Patel and Dr J Pitroda	49	Parametric Study On Quarry Dust And Bacteria In Cement Mortar For Next Generation: A Review
4	Saket Sorathiya, Prof Mrs Neha Patel and Dr J Pitroda	50	Feasibility Report On Recycle And Reuse Of Wind Turbine Blade Waste: A Review
5	Ajay Andodariya, Prof Mrs Reshma Patel and Dr Jayeshkumar Pitroda	52	Techno Economical Study Eco-Friendly Green Brick Production Using Reclaimed Sand Dust Waste: A Review

6	Robin Gandhi, Dr Jayeshkumar Pitroda and Prof Bhasker Bhatt	65	A Review On Green Building Based Smart City For The Next Millennium
7	Zaran Patel and Dr Jayeshkumar Pitroda	69	A Study On The Developing Concepts Of Underwater Construction
DATE: 19/02/2017			
10:00 am To 11:30 am			
Session – V			
Venue: Room C-127, Near Transportation Engg. Lab . Ground Floor-Building-C			
Sr No	Authors	Paper Id	Paper Title
1	Akash Shah, Pranav Chovatiya and Niyati Shah	70	A BIM Based Lighting Analysis For Evaluating Saving Potential In Lighting Cost During Project Cycle
2	Apurva Patel, Amit N. Bhavsar and Deep S. Upadhyaya	101	Comparative Study Of Construction Workers Safety Laws
3	Rohitkumar Prajapati and Jaydev Bhavsar	147	Unit Quantity Contract As A Mitigation Of Unbalance Bidding
4	Mona P. Prajapati, Neetu Yadav	264	Buffer Based CCPM Scheduling: A Modern Approach For Indian Constraints Tasks
5	Mehul Darshak, Rajan Zala, Manthan Bhandari and Dr. S. Kumar	333	Land Suitability Analysis For Urban Plan Preparation Using Remote Sensing And GIS A Case Of Anand-Vidyanagar-Karamsad Development Plan
6	Parth Raval, Jaydev Bhavsar and D. Oza	376	Categorization Of Construction Waste
7	Maltseva Irina, Perminov Roman, Maltceva Kseniia and Elokhov Alexander	401	Estimate Of Energy Efficiency Buildings For Ural Region Of Russia And For Kazakhstan
8	Vladimir Alekhin, Irina Maltseva and Zoya Belyaeva	541	Master program "Building design for sustainable development" in the frame of international project «MARUEEB»

Track: Structural Engineering**DATE: 17/02/2017****Time: 2:15 pm to 03:45 pm****Session – I****Venue: A203A, 1st Floor, Structural Engineering Department**

Sr. No.	Author(s)	Paper ID	Paper Title
1	Rutvik K. Sheth, Devesh P. Soni, Minoli D. Shah	132	Adaptive Pushover Analysis of Irregular RC Moment Resisting Frames
2	Kishan R. Bhojani , V. B. Patel, S.V.Mevada	183	Seismic vibration control of building with Lead Rubber Bearing isolator
3	Narayan B. Makwana, Snehal V. Mevada, Vishal B. Patel	373	Vibration Control of Building Subjected to Harmonic Excitation
4	Mohit K. Parmar, Snehal V. Mevada and Vishal B. Patel	377	Seismic Performance Evaluation of RCC Buildings with Different Structural Configurations
5	Rutvij Kadakia, Vatsal Patel, Anshu Arya Arya	385	Modelling and Analysis of Irregular Geometrical Configured RCC Multy Storeyed building using shear wall
6	Niraj V. Shinde, Devesh P. Soni	47	Impact response of base isolated building with adjacent structures
7	Kunjan D. Gamit, Jignesh A. Amin	88	Application of DDBD and FBD Methodology for 8-Story RC Frame using IS 1893 Spectra
8	Kashyap N. Patel, Jignesh A. Amin	114	Performance based assessment of seismic response factor for SMRF staging elevated water tank
9	Kavita Singh, Hardik J. Solanki, Anil B. Belani	475	Non Linear Analysis of Single Storey RC Front Wall under Blast Loading

DATE: 18/02/2017

Time: 10:00 am to 11:30 am

Session – II-A

Venue: A203A, 1st Floor, Structural Engineering Department

Sr. No.	Author(s)	Paper ID	Paper Title
1	Ankit V. Patel, C. B. Mishra	146	Performance of Seashell Powder on Sub-grade Soil Stabilization
2	M.P. Katakiya, A.D. Parekh	162	Effect of Gradation and Particle Size on Correlations between DCP Index (ASTM D6951 – 03) And Relative Density for Sand
3	Munshi Zeeshan, A.K.Verma, D. A. Sinha	274	Effect of Stabilizing agent in Enhancement of Compressive strength of Soil : A Review
4	Ankit Vaghela, A. K. Verma, D. A. Sinha	324	Ground Improvement by Stone Column: A Review
5	Dhvanit Mehta, Bharat R. Dalwadi, Atul N. Desai	388	An Experimental Study on Piled Raft Foundation

DATE: 18/02/2017

Time: 10:00 am to 11:30 am

Session – II-B

Venue: E205B, First Floor, Civil Engg.

Sr. No.	Author(s)	Paper ID	Paper Title
1	Divya Patel, Uresh Kachhadia, Mehul Shah, Rahul Shah	123	Experimental Study on Lightweight Concrete with Styrofoam as a Replacement for Coarse Aggregate
2	Vishal Agrawal, Pankil Shah, Arman Gupta, Rahul Shah	154	Utilization of Quarry Dust as Fine Aggregates in Concrete
3	Rahul Shah	158	Investigation on possibility of using waste and nonconventional materials in Concrete as replacement of aggregates: A review

4	Shashi Kant Sharma, Aniruddha Chopadekar, Samarth Bhatia	172	Performance of SIFCON with steel slag
5	Jay Sorathiya , Siddharth Shah, Smit Kacha	178	Effect on addition of Nano “Titanium Dioxide” (TiO ₂) on Compressive Strength of Cementitious Concrete
DATE: 18/02/2017			
Time: 02:15 pm to 03:45 pm			
Session – III-A			
Venue: A203A, 1st Floor, Structural Engineering Department			
Sr. No.	Author(s)	Paper ID	Paper Title
1	Kedar N. Desai, Mazhar A. Dhankot	54	Finite element behaviour of RC beam with hybrid arch profile
2	Saurabh Pandya, Mazhar Dhankot	169	FE analysis of curved castellated girder for variable thermal condition
3	Khevna B. Patel, A. N. Desai, V. A. Arekar	245	Study of Quadri Quintic Element Applicable to Deep Beams
4	Shubhangi Tejrao Umale, S. B. Shinde	314	Static and Modal Analysis of Simply Supported Rectangular Plate by Using ANSYS
5	Gunjan Chauhan, Vishal Patel and Vishal Arekar	213	Applications of Harmony Search Algorithm in Structural Engineering
6	Bharat Shah, Bhavik R. Patel	85	Progressive Collapse Assesment of Reinforced Concrete Frame Structure with and without considering Actual Soil Condition
7	Manav Patel, V. R. Panchal	458	Development of Shock Spectra for Different pulse Shapes using C Sharp
8	Bijal Chaudhri and Dipali Patel	504	Comparative Study of Direct Displacement Based and Forced Based Design Method for Rc-Frame with Shear Wall
9	Kavin Patel, Dipali Patel	515	A comparative study of effectiveness of steel plate shear wall patterns in steel building

DATE: 18/02/2017

Time: 02:15 pm to 03:45 pm

Session – III-B

Venue: E205B, First Floor, Civil Engg.

Sr. No.	Author(s)	Paper ID	Paper Title
1	Dushyant R. Bhimani , Indrajit N. Patel	16	A Review on Utilization of Industrial Waste (Used Foundry Sand) and Nano silica in Concrete
2	Anand Makwana, Indrajit N. Patel, Jagruti Shah, Gaurav Gohil	91	Experimental Investigation to Study the Engineering and Durability Properties of Ultra High Strength Concrete Incorporating Sustainable Materials
3	Ashika Shah, Indrajit N. Patel, Jagruti Shah, Gaurav Gohil	93	Experimental study on Rheological and Durability properties of Self-compacting Concrete by using quaternary blending
4	Himalay P. Mojidra, Ankur C. Bhogayata, Narendra K. Arora	124	Basalt Fibers in Cementitious Concrete: A review
5	Shemal V. Dave, Ankur C. Bhogayata, Dr. N.K.Arora	142	Impact Resistance of Geopolymer Concrete Containing Recycled Plastic Aggregates
6	Gaurav B. Jagad a, Ankur C. Bhogayatab, Narendra K. Arora	143	Literature Review on Utilization of Plastic Waste Material in Alkali Activated Concrete

7	Kishan Kachadiyaa, Ankur C. Bhogayatab, Narendra K. Arora	144	Utilization of SBR latex in cementitious concrete: A review
8	Shagea Al-Qawzai, Smit Kacha	163	Engineering Properties of Pervious Concrete: A Review
DATE: 18/02/2017			
Time: 04:00 pm to 05:30 pm			
Session – IV			
Venue: A203A, 1st Floor, Structural Engineering Department			
Sr. No.	Author(s)	Paper ID	Paper Title
1	Rahul Patel, Rishi Dave, Prutha Vyas	29	Design And Seismic Analysis Of Ground Supported Water Tank
2	Payal Mehta, T. P. Thaker, H. B. Raghavendra	41	Review of Seismic Hazard Approaches for Indian Subcontinents
3	Palak J. Shukla, Atul K. Desai, Chetankumar D. Modhera	81	Study of Dynamic Response of Wall Panel Subjected to Blast Load
4	Kevin Shah, Prutha Vyas	102	Effect Of Vertical Geometric And Mass Irregularities In Structure
5	Chirag M. Asodariya, Chirag C. Patel	125	Seismic protection of symmetric building equipped with water sloshing damper
6	Nirav K. Patel, Prutha Vyas	126	Evaluation of Response Modification Factor for Moment Resisting Frames

7	Viral H. Sheth, Vijay R. Panchal, Ankit J. Wankawala	536	Comparative Study of different structural systems with steel staggered truss system
8	Ankita K. Shah, Dr. V. R. Panchal	476	Seismic Response of elevated liquid storage steel tank with triple friction pendulum system at base of tower under near- fault ground motion
9	Vimlesh V. Agrawal	430	A design comparison of Castellated beam for different parameters

DATE: 19/02/2017

Time: 10:00 am to 11:30 am

Session –V

Venue: A203A, 1st Floor, Structural Engineering Department

Sr. No.	Author(s)	Paper ID	Paper Title
1	Parth A. Chandresha, Sandip P. Chandresha	209	Study of Self-compacting concrete for economical construction
2	Jaydev Pandya, Siddharth Shah, Shemal Dave	263	Feasibility of utilization of industrial polyurethane (PU) rubber waste in geopolymer concrete
3	Parth Shah, Nikhil Raval	295	A Review on effect of Low Density poly- Ethylene in cement concrete
4	D. A. Sinha, A.K.Verma,	327	Investigation on the effect of varying dosages of steel fibre on the strength and workability properties Of high strength concrete
5	Riddhi Vashi, Amit Patel, Krunali Patel	539	A Parametric Study on Behaviour of Geogrid Reinforced Earth Retaining Wall
6	Aanal Shah, C.B.Shah	468	Effect of chemical composition of different source materials on 28th day compressive strength of geopolymer concrete cured under ambient conditions
7	Aanal Shah	471	Optimum utilization of GGBS in fly ash based geopolymer concrete

DATE: 19/02/2017

Time: 11:45 am to 1:15 pm

Session – VI

Venue: A203A, 1st Floor, Structural Engineering Department

Sr. No.	Author(s)	Paper ID	Paper Title
1	Bhavin Dhonde, Vijay Panchal, Janki Thakker	509	Parametric Study on Eco-friendly Bricks
2	Kishan Aghera, Dr. Indrajit Patel	241	A Critical Review on Use of Basalt Fiber Cables Pre-Stressing Applications
3	Pratik.Y.Mavani, Tarak.P.Vora	156	Review of Structural Health Monitoring Application for Steel Structures
4	Mansi Mehta, Dipali Patel, Vishal Arekar	487	Effectiveness of different connectors used in Double Layer Grid Structure: A parametric study
5	Kushal Desai, Sumant B. Patel, Vimlesh V. Agrawal	497	Confined Masonry – Analysis, Design and Comparison
6	Pooja Shah, Dipali Patel	498	Effect of explosive distance on Hyperbolic Cooling Tower
7	Jay Patel, Vishal Patel, Elizabeth George	506	Comparative Study of Triangle Tubes Bundled System and Square Tubes Bundled System

Track: CP/IT

DATE: 17/02/2017

2:15 pm To 03:45 pm

Session – I (Computer Network & security)

Venue: Physics Lab, F Block

SNo	Authors	Paper ID	Paper Title
1	Ishan Bhatt, Pranshu Rupesh Dave, Kirtikumar J. Sharma	478	Impact of social networking on Indian society

2	Jungsub Ahn, Dongjin Park, Taeho Cho	414	A Compromised Cluster Detection Method in Dynamic En-route Filtering Utilizing False Reports of Wireless Sensor Networks
3	Su Man Nam, Tae Ho Cho	533	Modeling and Simulation of Vote Length Analysis for Probabilistic Voting-based Filtering in Wireless Sensor Networks: Against False report and vote injection attacks
4	Maitri Patel, M Hasan and N Prajapati	481	Study on Quantum Key Distribution Protocols
5	Devendra Vashi, Dr. Harshad Bhadka and Dr. Kuntal Patel	461	Challenges & Opportunities in Privacy Preserving Data Mining for Healthcare Dataset
6	Priyank Bhojak, Vatsal Shah, Kanu Patel and Deven Gol	510	Automated Web Application Vulnerability Detection With Penetration Testing
7	Mehul Shah, Nikhil Gondaliya and Avani Barad	490	An Improved SimBet Routing Algorithm for Human Mobility Based DTN

DATE: 18/02/2017

10:00 am To 11:30 am

Session – II (IoT)

Venue: Physics Lab, F Block

Sr No	Authors	Paper ID	Paper Title
1	Maitry Panchal, Prof. Sunil A. Bakhru, Prof. Prashant B. Swadas	84	A Survey of IoT Enabled Solutions for Pollution Detection and Safety Enhancements for Smart Automobiles
2	Ashruti Patel, Dr. Narendra Patel, Prashant Swadas	89	A Review: : Smart Drip Irrigation System
3	Nirali Shah, Divyesh Patel, Amit Ganatra	204	IoT Gateway for UPoS Devices
4	Kishan Avasthi, Kaushal Patel, Y Shah,	267	Design of smart irrigation system using IOT

	S Singh, Dr. T Pawar		
5	Brinda Chanv, Prof. Sunil A. Bakhr	281	A survey of Structural Health Monitoring Techniques Using IOT and Wireless Technologies
6	Ronak Vithlani, Siddharth Fultariya, M Jivani, H Pandya	336	An open source Real Time IOT based environmental sensor monitoring system
7	Gaurav Jindal, Dr. N.M. Patel	431	Smart Farm: A Framework for Enhanced Agriculture Experience using Automation & Analysis

DATE: 18/02/2017

2:15 pm To 03:45 pm

Session – III (Image Processing & Computer Vision)

Venue: Physics Lab, F Block

Sr No	Authors	Paper ID	Paper Title
1	Sneha Patel, Udesang Jaliya, Mehfuza Holia	100	A Survey On Human Action Recognition From Video
2	Siddharth Shah, Gopi Bhatt, Safvan Vahora	131	Gender Classification From Faces: A Survey
3	Shyam Sihare, Dr V V Nath	206	Classical To Quantum Computer: Suggestive Methods for Development
4	Atmiya Patel, Dr. D Thakore, Dr. N Patel	215	A Review on Video Analysis for Vehicle Detection and Classification
5	Manjula Singh, B.Tanawala, M. Patel	351	A Review on Feature selection Methods for Microarray Data
6	N. Dave, M. Holia	500	Content based Video Retrieval
7	Prof. Z. H. Shah, A M. Lakhwani, A S. Vaghela	403	Face Detection Techniques: A Survey

DATE: 18/02/2017

4:00 pm To 05:30 pm

Session – IV (Database management & Data mining)

Venue: Physics Lab, F Block

Sr No	Authors	Paper ID	Paper Title
1	D Gupta, B Tanawala and H Vasava	225	A Review on “Privacy Preservation in Data Mining”
2	Darshna Parmar, Kirti Sharma	335	A Review: Music Recommendation System Based on Music & User Grouping
3	Devanshi Shukla, Vidhi Rajvir, Dr. M. S. Patel	340	Rainfall Prediction Using Computational Techniques
4	Pinal Patel, Kirti Sharma, Narendra Chauhan	349	A Study on Sequential Pattern Mining Approaches and Its Applications to Education Data Mining
5	Yash Doshi, Jay Majithia, N Marfatia, K Pandit	368	PostgreSQL: A Review
6	Smit Parikh	448	Virtual Reality Simulation : A Replacement For Banned Nuclear Experiments
7	Vatsal Shah, Jayna Donga, P Bhojak and Kanu Patel	518	Kernel and Device Driver Architecture for High Performance Real Time Operating System

DATE: 19/02/2017

11:45 am To 1:15 pm

Session – V (Image Processing & Computer Vision)

Venue: Physics Lab, F Block

Sr No	Authors	Paper ID	Paper Title
1	Rohan K. Naik ,Kalpesh B. Lad	24	Human Recognition From Multi Angular Images
2	Monika Chavda, Dr.	186	Various Techniques for Detection of Glaucoma from Retinal Fundus Images : A

	Darshak Thakore, Dr. Tanmay Pawar		Review
3	Riddhi Shaparia, Narendra Patel and Zankhana Shah	231	Flower Classification using Texture and Color Features
4	Mr. S. H. Mal, Mrs. K. S. Shekokar, Mr. S D. Degadwala	354	A Survey Paper on Video Steganography
5	Himanshu Patel, Jay Patel, Dip Kothari, Prof. Namrata Dave	356	Object Detection and Tracking: A Review
6	Mosab Shaheen and Madhukar Potdar	525	Image Processing in Hadoop Distributed Environment
7	Viranchi Patel, Udesang Jaliya, Keyur Brahmbhatt	137	Indian currency recognition using NN pattern recognition tool
Track: Mathematics and Humanities			
DATE: 17/02/2017			
2:15 pm To 03:45 pm			
Session – I			
Venue: B-304 Class Room, Second Floor-Building-B			
Sr No	Authors	Paper ID	Paper Title
1	Umesh Patel, HD Doctor	40	Numerical Solutions Of The Boundary-Layer Axisymmetric Flow Over A Nonlinear Stretching Sheet By Spline Collocation Method
2	Fenny, Prajapati, Bhathawala	71	Fixed Point Analysis Of Kermack Mckendrick Sir Model
3	JK Chauhan, RB Gandhi	79	Revisiting Intersection Of Nine-Point Circle In The Universal Mode Using Novel Computing Tools (Revisiting Schrödder's Findings)

4	KH Patel, NB Desai	94	Solution Of Fuzzy Initial Value Problems By Fuzzy Laplace Transform
5	Mahendra Prajapati, NB Desai	113	A Mathematical Model Of Co-Current Imbibition Phenomenon In Inclined Homogeneous Porous
6	BM Pandya, DC Joshi	115	A New Approach To Solve Nonlinear Integro Differential Equation: A Cubic Legendre Spline Collocation Method
DATE: 18/02/2017			
10:00 am To 11:30 am			
Session – II			
Venue: B-304 Class Room, Second Floor-Building-B			
Sr No	Authors	Paper ID	Paper Title
1	Hetal Choksi, MG Timol	195	Converting Partial Differential Equation Into Fractional Differential Equation
2	Prashant Patel, VN Mishra	130	An Asymptotic Formula Of Modified Family Of Positive Linear Operators
3	ME Shimpi, GM Deheri	155	Combined Effect Of Deformation And Slip Velocity On The Performance Of A Ferrofluid Squeeze Film In Infinitely Long Porous Rough Rectangular Plates
4	Jimit Patel, ME Shimpi, GM Deheri	259	Ferrofluid Based Squeeze Film For A Rough Conical Bearing With Deformation Effect
5	DJ Prajapati, NB Desai	157	Optimal Homotopy Analysis Solution Of Fingero-Imbibition Phenomenon In Homogeneous Porous Medium With Magnetic Fluid Effect
6	HR Kataria, HR Patel	174	Study Of Radiation, Reaction And Parabolic Motion Effects On Mhd Casson Fluid Flow With Ramped Wall Temperature
7	Vishal V Patel, Jigisha U Pandya	188	An Approximate Solution Of Axisymmetric Unsteady Flow Due To Normally Expanding Or Contracting Parallel Plates

DATE: 18/02/2017

04:00 pm To 05:30 pm

Session – III

Venue: B-304 Class Room, Second Floor-Building-B

Sr No	Authors	Paper ID	Paper Title
1	Nilesh A Patel, Jigisha U Pandya	189	Numerical Method For The Heat Equation With Dirichlet And Neumann Conditions
2	Nidhi Patel, GM Deheri	235	The Fixed Point Theorem
3	Mihir Prajapati, Dilip Joshi	283	Numerical Solutions Of Second Order Boundary Value Problems By Hermite Polynomial Methods
4	Dr. Mrs. Namita Sathe, Yash Sankhala	383	Challenges In Start-Ups And Entrepreneurship For The Upliftment Of Backward Areas
5	Mehul Tithalia, Ateka Pathan, Trupti Desai, Munir Timol	289	Group-Theoretic Technique For The Class Of Boundary Layer Equations Of Non-Newtonian Fluids
6	Bhargav Goradiya, Karan Kataria, Nikhil Vegda, Vaibhav Parmar	523	Challenges And Opportunities In Startups And Entrepreneurship Development In Under Developed Area (Indian Perspective)
7	Dr Purnima Pandit and Payal Shah	542	Fuzzy Laplace Transform technique to solve linear dynamical system with fuzzy parameters

DATE: 19/02/2017

11:45 am To 1:15 pm

Session – IV

Venue: B-304 Class Room, Second Floor-Building-B

Sr No	Authors	Paper ID	Paper Title
1	Niraj Pathak, VO Thomas	107	Analysis Of Low Energy Trajectory Periodic Orbits With Oblateness

2	KM Patil, KA Sutaria	182	On Permanent Inequalities For A Rhotrix
3	Himali Mehta, Rekha Mehta, Aakar Roghelia	285	Weakly Analytic Sets For The Cartesian Product Of Function Algebra
4	Akhil Mittal, Haribhai Kataria	173	Soret And Radiation Effects On Mhd Chemically Reactive Nano Fluid Flow Over An Exponentially Accelerated Vertical Plate With Ramped Wall Temperature And Ramped Surface Concentration Through Porous Medium
5	Tejas Shah, Dr Manish Tailor	303	A Numerical Solution Of Uni-Dimensional Vertical Ground Water Recharge Through Porous Media By Finite Difference Method Using Matlab
6	Urvashi Acharya, Himali Mehta	435	Adjacency Matrix Of Product Of Graphs

Track: ET/EL

DATE: 17/02/2017

2:15 pm To 03:45 pm

Session – I

F-104 Microprocessor Lab

Sr No	Authors	Paper ID	Paper Title
1	Rajnikant Rathod and Mehfuza Holia	64	Quantization Methods & Speech Coding for Next Generation Wireless Communication
2	Omer Mohamed Abdelrhman and Dr. Kiran K. Parmar	109	Analysis Of Precoding Algorithms And Pilot Contamination Problem For Massive MIMO System
3	Prarthan Mehta, Rizwan Alad, Surbhi Mittal and Forum Laiwala	484	A Novel Wideband Metamaterial Absorber for S, C & X Band with Good Absorbption
4	Hiren Patel, Robinson Paul and Palak Patel	446	Monitoring and Control System Using Data Socket
5	Darshankumar Dalwadi	467	Performance of STBC technique in MIMO system with Rayleigh Fading Environment

6	Ripal Patel, V Tank, J Brahmhatt and S Puranik, K Desai	411	Robust Gait Recognition Technique Using Neural Network
7	Robinson Paul, V Thakar and H Patel, Bala Natarajan	479	Stochastic Hybrid System-State Estimation methods -A Survey
8	Palak Patel, D Dalwadi, H Patel and Anita Bhatt	491	Capacity of MIMO system in Rayleigh fading channel with Receiver diversity technique
9	Bhargavi Patel, Ketan Patel and N Mohapatra	537	Optimize BJT for small dimensions and high- frequency analysis

DATE: 18/02/2017

10:00 am To 11:30 am

Session – II

F-104 Microprocessor Lab

Sr No	Authors	Paper ID	Paper Title
1	Amit Choksi, Kaushal Patel, Mayur Sevak and Ronak Vashi	466	A Survey on Performance Evaluation of Various Optical Character Recognition Techniques for Indian Regional Languages
2	Hetal patel, Tejendra Panchal	3	ALPR system for image and video data under varying illumination and motion conditions
3	Deepak Vala and Tanmay Pawar	122	RPCA, MRA and ICA methods for motion artifact identification in AECG signals
4	Mayur Sevak, Amit Choksi, Kaushal Patel and Ronak Vashi	463	Compressed Sensing Applications in Image Processing & Communication
5	Prasiddh Makadiya, Apar Trivedi, Vatsal Bodiwala, G. Rathod	234	Implementation of ECG Signal Detection & Filtering Circuit Using Proteus Software
6	Parul Panchal and Nirav Kalathiya	394	Robotic car controlling by Brain signal

7	Mayur Sevak, Anish Bagga, Arpita Agarwal and Krusha Jani	402	Compressive Sensing for Natural Images
8	Dr. Mehfuza Holia and Prof. Zankhana Shah	405	Automatic Image Registration
9	Vikas A. Patel, Basumati H. Patel, Vishal D. Dhamecha, Dhananjay K. Dhruv	334	Fabrication of ZnMgO thin films by Pulsed Laser Deposition method
DATE: 18/02/2017			
2:15 pm To 03:45 pm			
Session – III			
F-104 Microprocessor Lab			
Sr No	Authors	Paper ID	Paper Title
1	Alpesh Vala, Riddhi Goswami, Amit Patel and Keyur Mahant	106	Design and Development of On-Board Earth Resources Detection System based on FPGA and LabVIEW for Remote Sensing Application
2	Patel Divyanshi Kamleshkumar, Yogeshkumar Parmar	220	Flash Memory Controller For Chandrayaan – 2 Using FPGA
3	Subham Dhar, Sayan Dey and Pradeep Singh Chauhan, Dr.Jagdishkumar M Rathod	371	Early Breast cancer detection using Flexible Microstrip Antenna
4	C. Patel, R Vashi and A Vahora, P.Parikh, B. Dalwadi, G zambare	418	Implementation of edge detection algorithm using Nexys 4 FPGA
5	R. Paul, Wallace Macwan, H. Patel, R.Patel	443	Design & Implementation of Voice-Control Line-Follower Robot for Industrial Application

6	Arjanbhai Bambhaniya, R Bhojani and V Patel	519	Design and Implementation of Parking Lot Management System Using RFID Technology
7	Bhargav Goradiya, Aamir Mansuri, Mahak Kothari and Krishna Kariya	516	The future of data communication: LiFi (Light Fidelity): Review
8	Ripal Patel, Shubha Pandey, Chirag Patel, Robinson Paul	422	Effective Flicker Detection Technique Using Artificial Neural Network For Video
9	Anish Vahora, Parth Joshi, Vaibhav Parsana and Vidhyut Prajapati, Shivika Singh	412	IOT Based Air Pollution Detection System: A Survey

DATE: 18/02/2017

4:00 pm To 5:30 pm

Session – IV

F-104 Microprocessor Lab

Sr No	Authors	Paper ID	Paper Title
1	Vaishali Umrana , Dr. N. K. Shah	38	Optimization of gold deposition by pulse currents for optoelectronic devices
2	B. Bilodariya, P Ramchandani, D Vala	75	Solar Based Electronic Fences With Wireless Informant
3	R. Khant, M.Trivedi, Foram Naik, J Rathod	248	Design and Implementation of Automated Cradle
4	Kajol Jat, Ayush Jain and Mehfuza Holia	330	AUTO CAR CONTROL SYSTEM USING SMART PHONE
5	Darshankumar Dalwadi, M Agarwal, S Priya, B Goradiya	410	PERFORMANCE EVALUATION OF CHARGING A MOBILE USING HEATING TECHNOLOGY Mobile charger made by using a TEG module

6	Parth Niteshkumar Sarvaiya, Harshvardhan Maheshbhai Patel, Urmi Shah, Patel Rutu, Dr. M Holia	423	Smart Cart For Accessing the Library Catalogue
7	Mugdha Jain, Ankur Busa, A Singh and M Patel, Dr. Mehul shah	436	Hybrid energy using solar and wind (sustainable conversion)
8	Mira Patel, Shilpa Chocha, Shoeb Ranger and Anita Bhatt	513	Review paper on Zigbee communication
9	A Bambhaniya, N Bhanagle, U Patel and S Prajapati	522	Industrial Automation Using Internet of Things

DATE: 19/02/2017

11:45 am To 1:15 pm

Session – V

F-104 Microprocessor Lab

Sr No	Authors	Paper ID	Paper Title
1	Harshil Patel, D Thakore and D Patel	68	A Review On Wireless Sensor Networks And Remote Monitoring Alternatives
2	Hiren Pandya, Deepak Vala and Anita Bhatt	200	Home facility using raspberry pi
3	Umeshkumar Baria, Urvi Bhagat and D Vala M. Khambalkar	247	Optical Character Recognition Robot
4	Piyush Jain, Kinjal Agrawal, M Kirutika and Dipak Patel	328	Survey Of IoT Based Accident Detection And Patient Health Monitoring System
5	Parul Panchal and Rinkesh Chauhan	393	Android App Controlled Robot

6	Hiren Patel, Robinson Paul and Vipul Shah	477	Beacon based positioning and tracking with SOS
7	Mehul Shah, Parthesh Mankodi and Ravi Tanna	489	An Improved Random Access MAC Protocol for Machine to Machine Communication
8	Jignesh Joshi, Dr. Jagdish Rathod and Dr. Kinita Wandra	494	Energy Efficient and Secure LEACH for Cluster-based Wireless Sensor Networks
9	Kaushika Patel	520	Fairness and Friendliness Analysis of Most Reliable Transport layer Protocol
Track: ELECTRICAL			
DATE: 17/02/2017			
11:45 am To 01:15 pm			
Session – I			
A - 220 PG Seminar Room			
Sr. No.	Authors	Paper ID	Paper Title
1	Ambili Nair, Aneesha Rajan, Sonam Chauhan and Harsha Bodas	134	A Method for Generating Data to Conduct Energy Audit in Academic Institute- A Case Study
2	Arpita Patel and Dr. Bhupendra Parekh	223	Review Paper on Transmission Congestion Management Methods in Deregulated Power System
3	Jalpa Jobanputra, Chetan Kotwal	384	Contingency Analysis for Transmission congestion management: A preliminary approach
4	Jyoti Iyer and Bhavik Suthar	421	Plotting of voltage contours in the P-Q plane using contour evaluation program
5	Jaydeepsinh Sarvaiya and Dr. Mahipalsinh Chudasama	444	Multi-Objective Planning for Optimal Allocation of DG and RPC Units in Radial distribution system using Genetic Algorithm

6	Sunil Kumar Shukla and Ebha Koley	457	SVM Based Fault Detection and Classification of One Open Conductor Faults in Six-Phase Transmission System
7	Dipak Parmar and Bhargav Vyas	88	Application of Power Spectrum Density Analysis for Fault Classification in Teed Transmission Line
DATE: 18/02/2017			
11:45 am To 01:15 pm			
Session – II			
A - 220 PG Seminar Room			
Sr. No.	Authors	Paper ID	Paper Title
1	Dhaval Patel, Swati Purohit, Khoda Odedra and Ankit Patel	205	Controlling of Shunt Active Power Filter by Instantaneous p-q theory
2	Dhaval Kumar Desai and Swapnil Arya	227	Reactive Power Compensation using FACTS Device
3	Ashish R. Patel, Dharita K. Patel and J. K. Chauhan	239	Revisiting AC bridges: A Novel Method to Measure Domestic Capacitors using Simple Techniques
4	Bhumika Parihar, Shital Pujara and Prakash Makhijani	253	An Overview: Arc Flash Hazard, Analysis and Mitigation
5	Parth Panchal and Abdulsalam Shaikh	271	Short Distance Wireless Power Transfer for Small Devices
6	K. Odedra, Saurabh Pandya, Dhaval Patel, Maheshwariba Zala	277	DSTATCOM for Harmonics Mitigation in 3-phase 3-wire Distribution System
7	Mitrajinh Chudasama, P.N.Tekwani, S.K.Chauhan, Vinod Patel	51	Simulation, Design, and Analysis of 3-Level Shunt Active Harmonic Filter using T-Typed NPC (TNPC) Topology

8	Ronak Jayswal, Manank Shastri, Swapnil Marathe and Kiran Panchal	517	Comparative Analysis of Series & Parallel Passive Filter using PSCAD Simulation
DATE: 18/02/2017			
4:00 pm To 5:30 pm			
Session – III			
A - 220 PG Seminar Room			
Sr. No.	Authors	Paper ID	Paper Title
1	Samir Trivedi, Ayalani Mulchand and Shafi Makwana	230	Realization of Active Neutral Point Clamp Multilevel Inverter using SPWM technique
2	Shubham R. Patel, Gaurang K. Sharma and Ashish R. Patel	236	An Overview on Problem of Balancing Of DC Capacitor Voltage in Diode-Clamped Multilevel Inverter Using Boost Converter
3	Prof. Dr. P. N. Tekwani, Kinjal Macwan and Vidhi Patel	290	A Novel Approach for Three- Phase V/f Induction Motor Drives Employing DC-Link Modulation and AC-Chopper
4	Sagar Vala, Varun Dave, Dharita Patel and Rashesh Mehta	320	Motion Control Quadcopters
5	Jayrajsinh Rajput, Siddharthsingh Chauhan, Manisha Shah Divyesh Vaghela	439	Performance Analysis of Three Level Inverter Fed Induction Motor Drive
6	P. N. Tekwani, Vinod Patel and Ankit Modi	440	Compact Switched Mode Power Supply for Medium Voltage Drive
7	Varun Dave, Ajay Patel, Sailesh V. Chauhan	449	Footstep Power Generation using PIC microcontroller

8	Malu Prajapati	493	A New Symmetric Multilevel Voltage Source Inverter with Least Number of Switches
9	Yogesh Prajapati, Jatinkumar Patel, S Prajapati and M Sinha	424	Performance Analysis, Savings and Modifications in Compressed Air System of Manufacturing Industry
DATE: 19/02/2017			
10:00 am To 11:30 am			
Session – IV			
A - 220 PG Seminar Room			
Sr. No.	Authors	Paper ID	Paper Title
1	Gaurav Darji, Ajay Patel and Rh P. Mehta	120	Optimal coordination of Directional overcurrent relays using AI algorithms and comparison
2	Tarun Patel and Anuradha Deshpande	167	The HTS cable under fault conditions in a power system
3	Ankit Patel, Pranav Raval and D Patel	180	Application of SSSC-Damping controller for power system stability enhancement
4	Tejaskumar Prajapati and Swapnil Arya	210	Intentional Islanding Operation of Distributed Generation System
5	Anurag Gheewala, H. Jariwala, Umashankar Tiwari, M. Matroja	233	Review paper on ELO/ETU Based Tension Control Using Servo Motor
6	David Parmar and Dr. Bhinal Mehta	240	Small signal stability analysis of power system with increased penetration of PV generation
7	Mahesh Chauhan, Dr.Davit Dhruv Sapana Solanki, Dr. Nikesh Shah	442	Theoretical and Experimental Analysis of Monocrystalline Solar Cell
8	Nidhi Parmar, Chetan Kotwal, Tarang Thakkar and Prakash Makhijani	495	Switching Overvoltages in Offshore Cable Connections

DATE: 19/02/2017

11:45 am To 01:15 pm

Session – V

A - 220 PG Seminar Room

Sr. No.	Authors	Paper ID	Paper Title
1	Sweta .A. Jain and Dr. Akshay .A. Pandya	118	Three phase power transformer modeling using FEM for accurate prediction of core and winding loss
2	Sonali Malik and Dr. Bhupendra Parekh	214	The Performance Of Solar Pv Array Using Different MPPT Techniques
3	Nidhish Mishra and Abdulsalam Shaikh	216	Simplified Approach for the Analysis of Three-phase Self-Excited Induction Generator
4	Nisargkumar Dave and Manish Sinha	242	Simulation of Solar and Wind Power Plant Using MATLAB for Micro-Grid
5	Ujash Vachhani and Ashish Patel	244	Review and Analysis of Field Oriented Control Strategy for Induction Motor
6	Monark Patel and Akshay Pandya	269	Voltage stability improvement in 2-bus system using Capacitor with switching device and PI controller
7	Maheshwariba Zala, Mahesh Pandya, K Odedra and D Patel	272	Active Power Control of PV System in MPPT and CPG mode
8	Jatinkumar Soni and Dhaval Suthar	404	An Experimental Analysis to Check Accuracy of DGA using Duval Pentagonal Method in Power Transformer

Track: MECHANICAL**DATE: 17/02/2017****2:15 pm to 03:45 pm****Session – 1A****Venue: C206, Mechanical Conference Room, Session Coordinator: Prof. J. R. Koisha**

Sr. No	Authors	Paper ID	Title of Paper
1	Narendrakumar A. Patel, Dr. J A. Vadher	98	A Review on development of adaptive control system for tool vibration minimization and feed optimization for turning center
2	Kenalkumar D. Tandel Dr. Haresh P. Patolia Dr. Vinay J Patel	110	Design and analysis of Force/Moment sensor for a robot
3	Kinjal Patel Viral Panara Mayur Sutaria	194	Development of Functionally Graded Metal Composite (LM25-SiC) using Centrifugal Casting Process and their Characterisation
4	Tushar D. Desai Dr. Vina D. Chauhan Dhara P. Trivedi	226	Analysis of Bolster and Stripper Assembly of High Pressure Molding Machine
5	Manojkumar Patel R.G. Jivani A M. Thakkar	255	A Review on Vibration Analysis of Gearbox of Vertical Rolling Mill
6	Ketan Tamboli P M George	260	Optimum Selection of Mechanical Drives Using TOPSIS
7	Jimit G. Vyas Prof. M. J. Zinzuvadia Prof. M. I. Kathadi	287	Design and analysis of solid and cross-drilled disc brake rotors
8	Sourabh Jain Rachit Rathi	302	Numerical simulation for hydrodynamic characteristics of nozzle used in water jet machining
9	Pratik Moradiya Akash Pandey	503	Petri net Modelling of Manufacturing System : A Case study

DATE: 17/02/2017

2:15 pm to 03:45 pm

Session – 1B

Venue: C222, Computational Lab, Production Deptt, Session Coordinator: Prof. A. H. Jaria

Sr. No	Authors	Paper ID	Title of Paper
1	Chirag A.Maradiya Dr. J.A. Vadher Dr. Ramesh Agarawal	72	Numerical Analysis of Conical Heat Exchanger
2	Ikonyat Festus Parth Gohil Vivek Nampoothiri Smita B. Joshi	104	Design and Development of Small Scale Solar Powered Remote Controlled Aircraft
3	V.H.Chaudhari Varun Parmar M.J.Zinzuvadia	128	Parametric study and geometrical optimization of centrifugal blower
4	S.D. SHUKLA G.M. DEHERI	184	Ferro Fluid Based Rough Porous Tilted Pad Bearing with Slip Effect
5	Jatin Makwana Bharat S Patel Ramesh G Jivani Purvi D Chauhan	309	The Advance Design of Muffler for the Acoustic Advantage on Automotive Vehicles Using D.O.E
6	Hiren K. Leuva Prof. S.A.Shah Prof. H.A.Bhargav	381	Computational Analysis of Reciprocating Compressor Piston for Life time Performance

DATE: 18/02/2017

11:45 am to 1:15 pm

Session – 2

Venue: C206, Mechanical Conference Room

Sr. No	Authors	Paper ID	Title of Paper
1	Raxit A. Ka Patel M P Rathod	34	Design Considerations For Spillway Gates Vertical Lift Type And Radial Gates
2	Nisarg J. Shah M.A. Shah Abhi K. Shah Chetan O. Yadav	39	A Review on Jet Impingement Cooling Using Nanofluids : Applications to Electronics
3	Abhishek Rana Dhaval Vithani Prof. R. S.Barot Mr. Amar Patel	111	Reduction In Lead Time Of Automated Gas Fired Kit Fitting Box Using Qc Tools And Strategies
4	Purvi Chauhan Aniket Gajja	187	Productivity Improvement with the Application of Lean Tools- SMED and 5s
5	Haresh R. Ghoniya Bhargav C. Patel	208	Comparative study of Manual and CAM generated CNC part program of Bezier curve and its effect on surface finishing
6	K. D. Bhatt,Nikul Patel , Vishal Mehta	265	Correlating Tensile Strength & Peak Temperatures for Magnesium Alloy AZ91 during Friction Stir Welding using Varied Tool Geometries & FEA Tool
7	Vivek S Ayar H Parmar M P Sutaria	286	Computational Analysis of Ultrasonic Treatment of melt for Effective Dispersion of Reinforcement Particles
8	Harsh Bhatt,Prami Dutta, Saurin Sheth Naveen Rastogi	339	Design and Modelling of Hyper Redundant Robot for Tokamak Inspection
9	Mod.jishankhan Utkarsh Dubey Deep Patel Akil Jariya	359	Productivity improvement using motion study & work measurement in Permanent Magnet DC (PMDC) motor

DATE: 18/02/2017

2:15 pm to 3:45 pm

Session – 3B

Venue: C222, Computational Lab, Production Deptt, Session Coordinator: Prof. A. H. Jaria

Sr. No	Authors	Paper ID	Title of Paper
1	NIRAV K PARIKH	9	Ventilation system validation for badminton court
2	Hiren D. Patel Prof. S. A. Shah Prof. H. G. Katariya Dr. G. D. Bassan	218	Study on analysis of supercritical boiler tubes failure: A Review
3	Harsh r patel darshan ganesan k., faizan m. Saiyed	276	CFD Analysis For Flowmeter
4	Jigar Mistry Prof. V.H.Chaudhari Prof. M.J.Zinzuwadia	332	A Review on Investigation on Noise Measurement and Performance Prediction of Axial Flow Fan
5	Vidya Kapuriya, Megha Karia, Arvid Patel	398	Design and Development of mould for spacecraft shaped antenna reflector-A Review
6	Vijaypratap Singh M.J.Zinzuwadia Saurin Sheth Ruchir Desai	462	Parametric study and design optimization of centrifugal pump impeller

DATE: 18/02/2017

2:15 pm to 3:45 pm

Session – 3B

Venue: C206, Mechanical Conference Room, Session Coordinator: Prof. Ronak Patel

Sr. No	Authors	Paper ID	Title of Paper
1	Hariom M Mehta, Prof. R G Jivani, Prof. J R Koisha	197	Balance a two-wheeler by means of gyroscope: A Review

2	Ayanesh Y. Joshi, Mit K. Patel, Bhaumik T. Patel	232	Development Of Portable Magnetic Chip Separator
3	Jay H. Khatri Dr. Haresh P. Patolia Mr. Ketul B. Brahmbhatt	256	Analysis of Mechanical Properties of Natural Fiber Composite Beam
4	Kaushal A. Patel, Dr. Vina. D. Chauhan, Dhara P. Trivedi	266	Analysis of Turn Table Assembly of Semi-Automatic High Pressure Molding Machine
5	Shashi Sagar, Ronak R. Patel, Shashank P. Joshi	279	Design and Development of Overhead Monorail Structure for Material Handling Regenerative Shock Absorber
6	Hem Desai, M Havaldar, P. Joshi, D.Bhanushali	380	Regenerative Shock Absorber
7	Purvi Chauhana, Vivek Chauhanb, Mohit Anuvadiyab	482	Feeding and Gating System Design and Simulation of Flange Roller of Hydrators for Yield Melioration

DATE: 18/02/2017

4:00 pm to 5:30 pm

Session – 4

Venue: C206, Mechanical Conference Room, Session Coordinator: Prof. Ronak Patel

Sr.	Authors	Paper ID	Title of Paper
1	Janakkumar Tanna, Nikhil Akhare	87	Meshing of axial fan for achieving best efficiency for processor of computer in Computational Fluid Dynamics
2	Deep Rao, Kaustubh Samvatsar, Rakesh Barot, Hardik Beravala	96	Analysis of Variance for Surface Roughness Produced During Vibration Assisted Lapping Process
3	Yogin Vekariya, Trushant Desai, Rakesh Barot, B K Sharma	175	Defects Analysis using E Foundry and Flow Simulation for Crank Case Casting
4	Manish B.Jethwa, Prof.J.H.Mistry	221	A Case Study on Analysis of Sand inclusion Defect to Reduce the Rejection of Motor Stator Housing Casting
5	Sagar S. Jani, Dr. P. M. George, V.A. Pandya	243	A Review Paper on Study and Scope of Geometric Dimensioning and Tolerancing (GD&T) to Enhance the Process Capability of Hole Machining Processes

6	Jenish Patel, Shashank P. Joshi, Ronak R. Patel	319	A Review on Shell Mold for Investment Casting
7	Shashvat Mehta, Prof. Mitesh Panchal	450	Automated spur gear designing using Matlab Calculating various gear parameters using Matlab for specified requirements
8	Nekrasov I. I. Fedulov A. A. Karamyshev A. P. Parshin V. S. Dronov A. I. Khorev V. A.	452	The Features of Metal-forming Processes Modeling
9	Purvi Chauhana Sagar Patel Karan Patel	480	Experimenting and Predicting Flatness and Surface Roughness during Face Milling Operation of CF8M Grade A-351

DATE: 18/02/2017

11:45 am to 1:15 pm

Session – 5

Venue: C206, Mechanical Conference Room, Session Coordinator: Prof. A. H. Jaria

Sr.	Authors	Paper ID	Title of Paper
1	Vikas Asnani, Bhavin Pandya, Chirayu Joshi Sadanand Namjoshi	37	Conceptual Design of Waste Heat Recovery from Gas Geyser Unit
2	Yash K. Kakadiya Prof. Bharat S. Patel Prof. Jayantilal P. Hadiya	392	A Review On Exhaust Noise Reducer Muffler for IC Engine
3	Alpesh Mehta, Dr.Nirvesh Mehta	400	Algae Biodiesel: A Futuristic Fuel for Power Generationand for Automobile Industries
4	Choksi P., H. Bhargav, U. B.Chaudhari	465	Design and Fabrication of solar parabolic collector for water distillation
5	Jay Naik, P.M.Agrawal, Dr. V.J. Patel	532	Design Of Conical Roof structure Of Liquid Sulphur Storage Tank
7	G. V. Patel Akash Patel M. N. Makwana Dr. N. K. Chavda	427	Numerical Investigation of Pressure-drop in Valve Test-rig Design

LIST OF IMPORTANT CONTACTS

Sr. No.	Name	Particular	Contact number
1	Dr. S.D. Dhiman	Civil Track Coordinator	9879691428
2	Dr. D. R. Bhatt	Structure Track Coordinator	9428660213
3	Dr. N. M. Patel	Computer Track Coordinator	8758717189
4	Dr. M. S. Holia	Electronics & communication Track Coordinator	9824518679
5	Dr. R. P. Mehta	Electrical Track coordinator	9727720643
6	Dr. V. J. Patel	Mechanical Track Coordinator	9825089788
7	Dr. M. E. Shimpi	Mathematics Track Coordinator	9978090679/9427317161
8	Prof. V. A. Arekar	Transportation Coordinator	9426594490
9	Prof. A. R. Patel	Accommodation Coordinator	9879296030
10	Prof. G B Rathod	Exhibit Committee	8238545476/9624398770
11	Prof. S. B. Patel	Finance Committee	9825348850
12	Prof. P H Panchal	Logistic Committee	9898722601/7048881762
13	Prof. Ramesh Jivani	Food Committee	9427004681
14	Prof. Vishal Arekar	Transport Committee	9426594490
15	Prof. Ashish R Patel	Accommodation Committee	9879296030
16	Dr. J. R. Pitroda	Shamiana Committee	9904164187
17	Ms. Dhrita Patel	Publication Committee	9925365442
18	Prof. Nilesh Prajapati	Publicity Committee	9904164708