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		Academics
		Student Centric Methods
		Technical Seminars

List of Technical Seminars presented by the students during last 5 years

Institute is permanently affiliated to the Visvesvaraya Technological University, Belgaum. In view of NEP-2020 based revised curriculum of the affiliated university, the institute has facilitated to organize technical seminars of the students in the departments as per the university guidelines. The students' team members individually select the seminar topic in relevant and emerging under the guidance of the faculty members. Each student has prepared a report and power point presentation as per the departmental policy and guide suggestions. Each student has presented the information related to the selected topic before the internal evaluation committee. The presentations of the students are evaluated through proper rubrics. By this activity student will learn report writing and presentation skills on emerging/relevant areas. The following are the list of technical seminar topics on which students have presented their report before the evaluation committee.

S.N.	Seminar Title/Topic	Academic Year	Dept.
1.	Laser Ignition for Internal Combustion Engine	2018-19	ME
2.	Reverse Engineering	2018-19	ME
3.	Digital Twin Spark Plug ignition Engine	2018-19	ME
4.	Waste Heat Recovery from Industrial Baking Ovens	2018-19	ME
5.	Fuel Cell	2018-19	ME
6.	Cryogenic Grinding	2018-19	ME
7.	Tweel Airless Tyre Technology	2018-19	ME
8.	Under water Communication Technology	2018-19	ME
9.	Thermo-Mechanical Heat Pipe	2018-19	ME
10.	Eye ball Sensor Based Wheel Chair	2018-19	ME
11.	Sugarcane Harvesting	2018-19	ME
12.	Electricity from Waste Water	2018-19	ME
13.	Robotic Surgery	2018-19	ME
14.	Desalination of Sea/ Hard Water in Portable Water	2018-19	ME
15.	Sensotronic Braking System	2018-19	ME
16.	Air Bag Gear Bike	2018-19	ME
17.	Artificial Heart	2018-19	ME
18.	Foldable Helmet	2018-19	ME
19.	Leaf Motion Design in Mechanical Field	2018-19	ME
20.	Design of Low Cost Roofing Tiles Using Agriculture Waste	2018-19	ME
21.	Camless Engine	2018-19	ME
22.	3D Printing	2018-19	ME
23.	Graphine	2018-19	ME
24.	Waste Plastic Into Fuel	2018-19	ME
25.	Cryogenics	2018-19	ME
26.	Modern Electrical Cars of Tesla Modern Company	2018-19	ME
27.	Low Cost Roofing Tiles Using Agricultural Waste	2018-19	ME
28.	Microcontroller Based Drip Irrigation System	2018-19	ME
29.	Rail Gun	2018-19	ME
30.	Carbon Ceramic Braker	2018-19	ME

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31.	Lean Manufacturing	2018-19	ME
32.	Magnetic Refrigeration	2018-19	ME
33.	Under Water Welding	2018-19	ME
34.	Oil Shale	2018-19	ME
35.	Cryocar Runs with water and Salt	2018-19	ME
36.	Magneto Rheological Fluid	2018-19	ME
37.	Fiber Composite Strengthening of Thin Walled Steel Vehicle Crush Tubes for Frontal Collision Energy Absorption	2018-19	ME
38.	Paper Battery	2018-19	ME
39.	Floating Windmill	2018-19	ME
40.	Carbon Credit	2018-19	ME
41.	Cruise Missile Technology	2018-19	ME
42.	Scramjet Engine	2018-19	ME
43.	Metal Forming: Super Plastic Forming	2018-19	ME
44.	Piezoelectric Model	2018-19	ME
45.	Pulse Detonation Engine	2018-19	ME
46.	CO2 Capturing and Storage	2018-19	ME
47.	Laser Shot Processing	2018-19	ME
48.	Haptic Technology	2018-19	ME
49.	Kinetic Energy Recovery System	2018-19	ME
50.	Solar Collector	2018-19	ME
51.	Maglev Train	2018-19	ME
52.	Hyperloop High Speed Transportation	2018-19	ME
53.	Technological Advancement in Process/ Product Industry form Plastic Waste	2018-19	ME
54.	Plasma Assisted Milling	2018-19	ME
55.	Composite Material for Innovations Wind Turbine Blade	2018-19	ME
56.	Bio Diesel	2018-19	ME
57.	Hemi Engine	2018-19	ME
58.	Mechanical Energy Storage System	2018-19	ME
59.	Bladeless Wind Turbine	2018-19	ME
60.	Stealth Technology	2018-19	ME
61.	Automated Highway System	2018-19	ME
62.	Solar Road Ways	2018-19	ME
63.	Six Stroke Engine	2018-19	ME
64.	Vacuum Braker	2018-19	ME
65.	Under Water Robots	2018-19	ME
66.	Plastic Welding	2018-19	ME
67.	Methanol Fuel For IC Engines	2018-19	ME
68.	Compressed Air car	2018-19	ME
69.	Friction Stir Welding	2018-19	ME
70.	Space X (Reusable Satellite Launcher)	2018-19	ME
71.	Pollution less Engine	2018-19	ME
72.	Feasibility Study on Power Generation Using Treated Waste Water	2018-19	ME

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73.	Hyperloop Technology	2018-19	ME
74.	Self Inflating Tyre	2018-19	ME
75.	Electric Diwheel With Active Resistance Damping (WDWARD) Cycle	2018-19	ME
76.	Phase Change Material for Cooling of PV Cell	2018-19	ME
77.	Night Vision Technology in Automobile	2018-19	ME
78.	Four Wheel Steering Control	2018-19	ME
79.	Biofuel & Food Security	2018-19	ME
80.	Mobile Duct Cleaner	2018-19	ME
81.	Zero Energy Homes	2018-19	ME
82.	Hydraulic Hybrid Vehicle	2018-19	ME
83.	Cruise Control System	2018-19	ME
84.	Aerospace Trends and New Technology Development	2018-19	ME
85.	Additive Manufacturing	2018-19	ME
86.	Wobble Turbine (Vortex Bladeless Turbine)	2018-19	ME
87.	Borewell Baby Rescue by Using Robot Mechanism	2018-19	ME
88.	MPFI System	2018-19	ME
89.	Automatic Solar Panels	2018-19	ME
90.	Coordinate Measuring Machine	2018-19	ME
91.	Heat Transfer Enhancement by Nanofluids	2018-19	ME
92.	Solid Waste management	2018-19	ME
93.	Active Suspension System	2018-19	ME
94.	ABS System Fox Bike	2018-19	ME
95.	Future Flying Cars	2018-19	ME
96.	Agriculture Drone	2018-19	ME
97.	Maggenn Air Rotor System	2018-19	ME
98.	Space Robotics	2018-19	ME
99.	Super Cavitation	2018-19	ME
100.	Drones & UAVs for Military Applications	2018-19	ME
101.	Utilization of Waste Heat Recovery	2018-19	ME
102.	Aqua silencer	2018-19	ME
103.	MEMS Technology	2018-19	ME
104.	Railway Sludge Management	2018-19	ME
105.	Micro Turbine	2018-19	ME
106.	4D printing	2018-19	ME
107.	Powder Metallurgy	2018-19	ME
108.	Hybrid Chassis	2018-19	ME
109.	Biometric Car Access	2018-19	ME
110.	Artificial Intelligence	2018-19	ME
111.	Hyperloop	2019-20	ME
112.	Industry 4.0	2019-20	ME
113.	The role of mechanical engineers in Agricultural sectors	2019-20	ME
114.	Magnetic repulsion piston engine	2019-20	ME
115.	Hydrographic Water Transfer Printing Technology	2019-20	ME
116.	Smart Farming (IOT in Agriculture)	2019-20	ME

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		Academics	
		Student Centric Methods	
		Technical Seminars	

117.	Celluveyor	2019-20	ME
118.	Recent Trends in Solar Energy	2019-20	ME
119.	Speech Recognizing Robotic Arm For Writing Process	2019-20	ME
120.	Total Productive Maintenance	2019-20	ME
121.	Electricity Generating Shock Absorber	2019-20	ME
122.	Air Bags in Automobiles	2019-20	ME
123.	An automated fruit harvesting robot by using deep learning	2019-20	ME
124.	Nuclear fusion -The way to new energy	2019-20	ME
125.	Under water wireless communication technology	2019-20	ME
126.	Cloud based smart dustbin system for metro station	2019-20	ME
127.	Cryogenic Grinding	2019-20	ME
128.	Carbon Nanotubes	2019-20	ME
129.	Piezoelectric Energy Generation	2019-20	ME
130.	Air suspension System	2019-20	ME
131.	Hydrogen Generation and Storage	2019-20	ME
132.	Tethered Undersea Kite system	2019-20	ME
133.	Jet Engines	2019-20	ME
134.	Generation of Electricity from Waste Heat	2019-20	ME
135.	Aqua Silencer	2019-20	ME
136.	Automobile Safety system	2019-20	ME
137.	Antiterroy robotic vehicle for land mine detector	2019-20	ME
138.	Solar Power Satellite	2019-20	ME
139.	Nuclear Battery	2019-20	ME
140.	Ultrasonic Motor	2019-20	ME
141.	Magnetic Refrigeration	2019-20	ME
142.	Space Robotics	2019-20	ME
143.	Shape memory alloy	2019-20	ME
144.	DTSi Technology	2019-20	ME
145.	Paper Battery	2019-20	ME
146.	Synthetic polymer	2019-20	ME
147.	Common Rail Direct Injection System	2019-20	ME
148.	Bioinspired materials using Ultrasonic freeze casting	2019-20	ME
149.	Solar Cooker	2019-20	ME
150.	Stratified Charge Engine	2019-20	ME
151.	Infrared Thermography	2019-20	ME
152.	Solar Window	2019-20	ME
153.	Smart Materials	2019-20	ME
154.	Dual Axis Solar Tracker	2019-20	ME
155.	Independent Wheel vehicle suspension	2019-20	ME
156.	Scramjet engine	2019-20	ME
157.	Micromachining	2019-20	ME
158.	Self inflating tyres	2019-20	ME
159.	Pulse detonation engine	2019-20	ME
160.	HEMI Engine	2019-20	ME
161.	Designing human centered automotive automation system	2019-20	ME



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Academics

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Methods

Technical
Seminars

162.	Tech vs Corona	2019-20	ME
163.	Towed Array Sonar	2019-20	ME
164.	Regenerative braking system	2019-20	ME
165.	Air Bearing	2019-20	ME
166.	Swarn Robotics	2019-20	ME
167.	Nano fluids Thermal applications	2019-20	ME
168.	Cryocars	2019-20	ME
169.	Nano robots in Human body	2019-20	ME
170.	Floating wind mills	2019-20	ME
171.	Scuderi split cycle engine	2019-20	ME
172.	Fuel Energizer	2019-20	ME
173.	Space exploration Technologies Corporation(SpaceX)	2019-20	ME
174.	Stealth Technology	2019-20	ME
175.	Printed organic solar cell	2019-20	ME
176.	Multi port fuel injection system	2019-20	ME
177.	Wave Power	2019-20	ME
178.	Robotic Surgery	2019-20	ME
179.	Haptic Technology	2019-20	ME
180.	Under Water Soldering	2019-20	ME
181.	Ceramic Disc Brakes	2019-20	ME
182.	W16 super engine	2019-20	ME
183.	A Forward collision warning system using driving intention recognition of the front vehicle and V2V communication	2019-20	ME
184.	Osmotic power generation	2019-20	ME
185.	Poka yoke techniques to prevent error	2019-20	ME
186.	Floating wind mill	2019-20	ME
187.	Influence of kenaf on mechanical properties of glass epoxy composites	2019-20	ME
188.	NOx reduction in IC engines	2019-20	ME
189.	Scope of Non Conventional Plant In India	2019-20	ME
190.	Friction Stir Welding For Aluminum	2019-20	ME
191.	3D Printing.	2019-20	ME
192.	Radar System	2019-20	ME
193.	laser ignition	2019-20	ME
194.	Hydraulic suspension system	2019-20	ME
195.	Tesla turbine	2019-20	ME
196.	Anti lock braking system	2019-20	ME
197.	Non Pneumatic tyre	2019-20	ME
198.	microcontroller drip system	2019-20	ME
199.	IC engines	2019-20	ME
200.	Sixth Sense Technology	2019-20	ME
201.	Smokeless chhula	2019-20	ME
202.	Under water welding	2019-20	ME
203.	Electric vehicle	2019-20	ME
204.	Night vision for automobiles	2019-20	ME



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205.	Google driverless car	2019-20	ME
206.	Precision agriculture	2019-20	ME
207.	Catalytic converter	2019-20	ME
208.	Recent development of solar energy in India	2019-20	ME
209.	Hyper loop transportation system	2019-20	ME
210.	Underwater Welding	2019-20	ME
211.	Automatic pneumatic bumper and breaking system	2019-20	ME
212.	Conversion of Plastic Waste to Liquid	2019-20	ME
213.	Microwave Hybrid Iron cast Joining	2019-20	ME
214.	Intelligent cooling system	2019-20	ME
215.	Micromachining	2019-20	ME
216.	Smart materials	2019-20	ME
217.	The application of nanotechnology in mechanical engineering	2019-20	ME
218.	Micro controller based on drip irrigation system	2019-20	ME
219.	Microscopy (Optical and Electron Microscopy)	2019-20	ME
220.	Incineration of solid waste management	2019-20	ME
221.	Bioplastic	2019-20	ME
222.	Solar Tracking	2019-20	ME
223.	Solar Collectors	2019-20	ME
224.	Bladeless Turbine	2019-20	ME
225.	Active Magnetic Bearings	2019-20	ME
226.	Ceramic Disc Brakes	2019-20	ME
227.	Heat Transfer Through Nano Fluids	2019-20	ME
228.	Application of Additive Manufacturing Technology In Medical Science	2019-20	ME
229.	Hydro Loop Technology	2019-20	ME
230.	BS 6	2019-20	ME
231.	Open bionics	2019-20	ME
232.	Zero energy building	2019-20	ME
233.	Vehicle emission and their effect on natural environment	2019-20	ME
234.	Air pollution and its control measures	2019-20	ME
235.	Research of the external aerodynamics of the vehicle model	2019-20	ME
236.	Fabrication of compressed air	2019-20	ME
237.	Micro turbine Generator Systems	2020-21	ME
238.	Modern Solar Collectors	2020-21	ME
239.	Military Radar system	2020-21	ME
240.	Electric vehicles Technology and its future	2020-21	ME
241.	Solid Waste Management	2020-21	ME
242.	Safety Features in car	2020-21	ME
243.	Unmanned Aerial vehicles for agricultural application	2020-21	ME
244.	Ultrasonic motor	2020-21	ME
245.	Methanol as a marine fuel	2020-21	ME
246.	Common Rail Direct Injection	2020-21	ME
247.	Regenerative braking system	2020-21	ME
248.	Rotor Sail	2020-21	ME



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	Academics
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249.	Camless Engine	2020-21	ME
250.	Non-pneumatic tyre (Airless tyre)	2020-21	ME
251.	Solar Sail	2020-21	ME
252.	Paper Battery	2020-21	ME
253.	Supercavitation	2020-21	ME
254.	Mechanical energy storage	2020-21	ME
255.	Automation In Agriculture(Agricultural Drone)	2020-21	ME
256.	Disease detection using bio robotics	2020-21	ME
257.	Printed Organic Solar Cell	2020-21	ME
258.	Electric paddy cutting machine	2020-21	ME
259.	Plastic Welding	2020-21	ME
260.	Vacuum Breaking System	2020-21	ME
261.	Fuel Energizer	2020-21	ME
262.	Underwater Welding	2020-21	ME
263.	Non-pneumatic tyre (Airless tyre)	2020-21	ME
264.	Google driverless car	2020-21	ME
265.	Six Stroke Engine	2020-21	ME
266.	Ultrasonic motor	2020-21	ME
267.	Vehicle control with regenerative braking	2020-21	ME
268.	Biometrics	2020-21	ME
269.	Osmotic power generation	2020-21	ME
270.	"Embedded System in Automobiles"	2020-21	ME
271.	Geothermal Energy	2020-21	ME
272.	Coconut skin peeling machine	2020-21	ME
273.	Under water Wind Mill	2020-21	ME
274.	Biomechatronic Hand	2020-21	ME
275.	Floating solar plant	2020-21	ME
276.	Cruise missile technology	2020-21	ME
277.	Gujarat Hybrid Renewable Energy Park	2020-21	ME
278.	Extraction of Bio-diesel from waste cooking oil	2020-21	ME
279.	Solar Refrigeration	2020-21	ME
280.	Light weight material-carbon fiber	2020-21	ME
281.	Autonomous Cars	2020-21	ME
282.	Micromachining	2020-21	ME
283.	Application of CIM in food industry.	2020-21	ME
284.	Submerged Floating Tunnel	2020-21	ME
285.	Green Supply Chain Management	2020-21	ME
286.	crumple zone	2020-21	ME
287.	Nan Robotics	2020-21	ME
288.	Artificial Intelligence in Mechanical Engineering	2020-21	ME
289.	Intelligent speed adaptation and accident avoidance system	2020-21	ME
290.	Space Robotics	2020-21	ME
291.	Cryogenics and its Space Applications	2020-21	ME
292.	Automated irrigation system	2020-21	ME
293.	Continuous Variable Transmission	2020-21	ME



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294.	Google Driverless Car	2020-21	ME
295.	Nuclear Battery	2020-21	ME
296.	AI Based Humanoid Robots	2020-21	ME
297.	Extraction of Bio-diesel from waste cooking oil	2020-21	ME
298.	SIMPUTER	2020-21	ME
299.	Non-Pneumatic Tyres	2021-22	ME
300.	Robotic Surgery	2021-22	ME
301.	Autonomous Car	2021-22	ME
302.	Solar Still	2021-22	ME
303.	Fuels From Plastic Wastes	2021-22	ME
304.	Camless Engine	2021-22	ME
305.	Plastic Solar Cell Technology	2021-22	ME
306.	Application Of Additive Manufacturing In Medical	2021-22	ME
307.	Rectification Of Difficulties In Electrical Vehicles	2021-22	ME
308.	Advance Iot In Ai	2021-22	ME
309.	Auto Pilot Mode Technology In Vehicles	2021-22	ME
310.	Automatic Car Parking System Using Arduino	2021-22	ME
311.	Maglev Train	2021-22	ME
312.	Explosive Welding	2021-22	ME
313.	Sensotronic Break Control System	2021-22	ME
314.	Six Stroke Engine	2021-22	ME
315.	Magnetic Nano Composites	2021-22	ME
316.	Underwater Welding	2021-22	ME
317.	Micro Machining	2021-22	ME
318.	Fuel Cell Power Plant	2021-22	ME
319.	Deep Learning	2021-22	ME
320.	Automatic Transmission System	2021-22	ME
321.	Advance Battery And Fuel Cell Development In Electric Vehicle	2021-22	ME
322.	Valvetronic Engine Technology	2021-22	ME
323.	Laser Weeding System	2021-22	ME
324.	Recent Developments In Biofuel	2021-22	ME
325.	Solid Waste Management	2021-22	ME
326.	Wireless Power Transmission	2021-22	ME
327.	Metaverse	2021-22	ME
328.	Starlink Project	2021-22	ME
329.	Ocean Thermal Energy Conversion	2021-22	ME
330.	Biomimetic Robots	2021-22	ME
331.	Hyperloop Technology	2021-22	ME
332.	Orbital Welding	2021-22	ME
333.	Advanced Rapid Prototyping And 3d Printing	2021-22	ME
334.	Night Vision Technology In Automobile	2021-22	ME
335.	Embedded System In Automobile	2021-22	ME
336.	Advanced Hybrid Electrical Vehicles	2021-22	ME
337.	Smart Home Technology	2021-22	ME

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338.	Hydroelectric Power Plant	2021-22	ME
339.	James Webb Space Telescope	2021-22	ME
340.	Stir Friction Welding	2021-22	ME
341.	Development Of An Advanced Solar Tracking Energy System	2021-22	ME
342.	High Speed Machining	2021-22	ME
343.	Electricity Generating Shock Absorber	2021-22	ME
344.	Micro Electromechanical System	2021-22	ME
345.	Autonomous Underwater Vehicle	2021-22	ME
346.	Ocean Electricity	2021-22	ME
347.	Stealth Technology	2021-22	ME
348.	Under Water Windmill	2021-22	ME
349.	Hybrid Electric Vehicles	2021-22	ME
350.	Laser Cutting System	2021-22	ME
351.	Sensors Technologies For Intelligent Transportation Systems	2021-22	ME
352.	Bioreactor	2021-22	ME
353.	Welding Robots	2021-22	ME
354.	Night Vision Technology	2021-22	ME
355.	Direct Rapid Tooling For Polymer Processing Using Sheet Metal Tools	2021-22	ME
356.	Fire Fighting Robot	2021-22	ME
357.	Water Jet Cutting	2021-22	ME
358.	Bio Battery Technology	2022-23	ME
359.	Electronic Skin	2022-23	ME
360.	Automated Guided Vehicle System	2022-23	ME
361.	Electrical Vehicle	2022-23	ME
362.	Sensotronic Braking System	2022-23	ME
363.	Osmotic Power Generation	2022-23	ME
364.	Biomimetic Robots	2022-23	ME
365.	AI/ML and RPA Technology	2022-23	ME
366.	Hyperloop Transportation System	2022-23	ME
367.	AIML In Automobile Industry	2022-23	ME
368.	Six Stroke Engine	2022-23	ME
369.	Wireless charging of EV	2022-23	ME
370.	Internet of Things	2022-23	ME
371.	Under Water Wind Mill	2022-23	ME
372.	Floating Solar Pv Plants	2022-23	ME
373.	Intelligent Car Parking System	2022-23	ME
374.	F1 Track Design & Safety	2022-23	ME
375.	Recent Developments In Micro Plasma Arc Welding	2022-23	ME
376.	Composite Materials For Aerospace Applications	2022-23	ME
377.	Adaptive Cruise Control	2022-23	ME
378.	Car Speed Control Using Bluetooth	2022-23	ME
379.	Inertial Control Unit for Electric Vehicles to Boost Battery Backup	2022-23	ME

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380.	Anti Collision Train System	2022-23	ME
381.	Airless Tires	2022-23	ME
382.	Vacuum Braking System	2022-23	ME
383.	Automobile Safety System	2022-23	ME
384.	Biomechatronic Hand	2022-23	ME
385.	Real-Time Detection of Apple Leaf Diseases using convolution Neural Network.	2022-23	CSE
386.	Touch Sensing for a Projected Screen Using Slope Disparity Gating	2022-23	CSE
387.	Designing Hand Pose Aware Virtual Keyboard With Hand Drift Tolerance	2022-23	CSE
388.	Making of Night Vision: Object Detection Under Low-Illumination	2022-23	CSE
389.	5 Pen PC Technology	2022-23	CSE
390.	Application of AIML for Accurate Detection of Code Plagiarism	2022-23	CSE
391.	Guided Image Deblurring by Deep Multi-Modal Image Fusion	2022-23	CSE
392.	Three-Dimensional Password for More Secure Authentication	2022-23	CSE
393.	Predicting Household Electric Power Consumption Using Multi-step Time Series with Convolutional LSTM	2022-23	CSE
394.	Google glass based real-time scene analysis for visual impaired	2022-23	CSE
395.	Traffic sign recognition based deep learning	2022-23	CSE
396.	IoT for wastewater management	2022-23	CSE
397.	Face Recognition Using Convolutional Neural Networks	2022-23	CSE
398.	Development of an Automated Multidirectional Pest Sampling Detection System using Motorized Sticky Traps	2022-23	CSE
399.	Multi-channel blockchain scheme for internet of vehicles	2022-23	CSE
400.	SPYWARE	2022-23	CSE
401.	Multifunctional Electronic Skin with a stack of Temperature and Pressure Sensor Arrays.	2022-23	CSE
402.	Multilayer Convolution Neural Network for the Classification of Mango Leaves Infected by Anthracnose Disease	2022-23	CSE
403.	Visual place recognition From Eye reflection	2022-23	CSE
404.	Real Time Chat Bots and Their Application	2022-23	CSE
405.	A Framework to make Voting system transparent using Blockchain Technology	2022-23	CSE
406.	Accessing Trustworthy AI in times of COVID-19	2022-23	CSE
407.	Credit Card Fraud Detection Using State-of-the-Art Machine Learning and Deep Learning Algorithms	2022-23	CSE
408.	Scalable Reliable Multicast Using Multiple Multicast Channels	2022-23	CSE
409.	Medical diagnosis using AI algorithms	2022-23	CSE
410.	Smart Assistive System for Visually Impaired People Obstruction Avoidance Through Object Detection and	2022-23	CSE



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	Academics
	Student Centric Methods
	Technical Seminars

	Classification		
411.	Wi-vi technology	2022-23	CSE
412.	WebRTC role in real-time communication and conferencing	2022-23	CSE
413.	CAPTCHA in security	2022-23	CSE
414.	Real Time Android Application for Traffic Density Estimation	2022-23	CSE
415.	Framework for implementing air quality monitoring system using LPWA - based IOT technique	2022-23	CSE
416.	Biometric Recognition of Infants using Fingerprint, Iris, and Ear Biometrics	2022-23	CSE
417.	Google Glass-Based Classroom Feedback System to Improve Students to Teacher Communication	2022-23	CSE
418.	Multi-AUV Inspection for Process Monitoring of Underwater Oil Transportation.	2022-23	CSE
419.	Federated Deep Learning for Cyber Security in the Internet of Things	2022-23	CSE
420.	ChatGPT Technology	2022-23	CSE
421.	Lightweight Multilayer Random Forests for Monitoring Driver Emotional Status	2022-23	CSE
422.	Tackling imbalanced data in cybersecurity with transfer learning: a case with ROP payload detection	2022-23	CSE
423.	Multiclass Prediction Model for Student Grade Prediction Using Machine Learning	2022-23	CSE
424.	3D-Touchless Full-3D Fingerprint Recognition System Based on Laser Sensing	2022-23	CSE
425.	Optical Security System	2022-23	CSE
426.	Vein Biometric Recognition on a Smartphone	2022-23	CSE
427.	Convolution neural network based online teaching method using cloud -edge computing platform	2022-23	CSE
428.	Adversary-Aware Multimodal Neural Networks for Cancer Susceptibility Prediction From Multiomics Data	2022-23	CSE
429.	Visual place recognition from eye reflection	2022-23	CSE
430.	Pedestrian Detection	2022-23	CSE
431.	Real-time human action recognition using raw depth video-based recurrent neural networks .	2022-23	CSE
432.	Supporting Targeted Advertising in Integrated Broadcast-Broadband Systems With Automatic Media Content Preparation	2022-23	CSE
433.	Edge-Cloud Computing and Artificial Intelligence in Internet of Medical Things.	2022-23	CSE
434.	Federated Video Analytics With Edge Computing	2022-23	CSE
435.	Improving Security of Web-Based Application Using MoD Security and Revers Proxy in Web Application Firewall	2021-22	CSE
436.	DNA computing for RGB image encryption with Genetic Algorithm	2021-22	CSE
437.	The role of Iot during Covid-19	2021-22	CSE
438.	Stochastic Neural Networks for Cryptocurrency Price	2021-22	CSE

	S J P N Trust's Hirasugar Institute of Technology, Nidasoshi Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi Recognized under 2(f) & 12B of UGC Act, 1956 Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA: CSE & ECE	IQAC
		Academics
		Student Centric Methods
		Technical Seminars

	Prediction		
439.	Detecting spam email with ML optimized with bio inspired metaheuristic algorithm	2021-22	CSE
440.	A method and system for program management of security chip protection	2021-22	CSE
441.	Monitoring and controlling industrial parameters- cloud computing	2021-22	CSE
442.	Advanced Machine Learning Methods for Brain Compute Interfacing	2021-22	CSE
443.	Face recognition using neural networking	2021-22	CSE
444.	Metaverse	2021-22	CSE
445.	Cloud storage	2021-22	CSE
446.	A Combined Object Detection Method with Application to Pedestrian Detection	2021-22	CSE
447.	Smart Note Takers	2021-22	CSE
448.	IoT Based Smart Shopping Cart Using Radio Frequency	2021-22	CSE
449.	An Electronic Voting System using Blockchain and Fingerprint Authentication	2021-22	CSE
450.	Text to image	2021-22	CSE
451.	EMS: An Energy Management Scheme for Green IoT Environment	2021-22	CSE
452.	CAPTCHA AI problem	2021-22	CSE
453.	The Practical Effectiveness of Advanced Driver Assistance Systems at Different Roadway Facilities: System Limitation, Adoption, and Using	2021-22	CSE
454.	Li-Fi Technology	2021-22	CSE
455.	Data Poison Detection Scheme for Distributed Machine Learning	2021-22	CSE
456.	Fabric-IOT: A Blockchain-Based Access Control System in IoT	2021-22	CSE
457.	Digital transaction	2021-22	CSE
458.	Apple Plant Leaf Disease Detection using Deep Learning and Convolutional Neural Network	2021-22	CSE
459.	Making of Night Vision: Object Detection Under Low Illumination	2021-22	CSE
460.	Breast Cancer classification using Deep Learning	2021-22	CSE
461.	Blockchain for COVID-19 Contact Tracing & Vaccine Support	2021-22	CSE
462.	Secure CAPTCHAs via Object Segment Collages	2021-22	CSE
463.	Automobile Driver Fingerprinting-A New Machine Learning Based Authentication Scheme	2021-22	CSE
464.	Development of control System for Fruit Classification Based on Convolution Neural Network	2021-22	CSE
465.	Improving the testing efficiency of selenium-based load tests	2021-22	CSE
466.	Detecting Spam Email with Machine Learning Optimized with Bio-Inspired	2021-22	CSE



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	Academics
	Student Centric Methods
	Technical Seminars

	Metaheuristic Algorithms		
467.	Artificial intelligence for enhanced mobility and 5G connectivity in UAV based critical missions	2021-22	CSE
468.	Mind reading computer using machine learning	2021-22	CSE
469.	Voice-Activated Smart Home Controller Using Machine Learning.	2021-22	CSE
470.	RESS-IoT: A Scalable Energy- efficient MAC protocol for Direct- to -Satellite IoT	2021-22	CSE
471.	Machine Learning techniques for 5G and Beyond	2021-22	CSE
472.	Robust low-cost passive UHF RFID Based Smart Shopping Trolley	2021-22	CSE
473.	Automated software testing Tools.	2021-22	CSE
474.	Blockchain-based Dashcam Video Management Method.	2021-22	CSE
475.	Fluid Temperature Detection Based on its Sound with a Deep Learning Approach	2021-22	CSE
476.	Fruit Grading system using machine learning	2021-22	CSE
477.	Automated Inspection System in Manufacturing Field	2021-22	CSE
478.	Fog computing	2021-22	CSE
479.	Cross Border payment with Blockchain	2021-22	CSE
480.	Crypto currency	2021-22	CSE
481.	Brain computer interface system for epilepsy	2022-23	ECE
482.	Estimation of mean arterial pressure from ECG and BP using mathematical model	2022-23	ECE
483.	Study of sleep disorder types using ECG and EEG features	2022-23	ECE
484.	Automatic Number Plate Recognition	2022-23	ECE
485.	E Skin	2022-23	ECE
486.	A drone-based sensing system to support satellite image analysis for Rice farm mapping	2022-23	ECE
487.	Palm vein recognition through fusion of texture based and CNN based methods	2022-23	ECE
488.	Cloud computing: the emerging technology	2022-23	ECE
489.	Wireless communication technologies in internet of things	2022-23	ECE
490.	Real time embedded system for automobile automation	2022-23	ECE
491.	Fuzzy logic based control system	2022-23	ECE
492.	Automatic Solar Panel Cleaning System	2022-23	ECE
493.	Geriatric Care System Using Electronically Controlled Air Jacket	2022-23	ECE
494.	3D holographic projection	2022-23	ECE
495.	CHATGPT	2022-23	ECE
496.	Indian open source processor	2022-23	ECE
497.	SDLC	2022-23	ECE
498.	6G wireless communication networks	2022-23	ECE
499.	Ethical hacking	2022-23	ECE
500.	Spintronics Technology	2022-23	ECE
501.	Salesforce:The Future Of Crm Technology	2022-23	ECE

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			Academics
			Student Centric Methods
			Technical Seminars

502.	Advances In Optical Fiber Sensors Based On Mmi	2022-23	ECE
503.	Chatbot For E-Commerce	2022-23	ECE
504.	Carbon Nano Field Effect Transistor	2022-23	ECE
505.	Telemedicine System	2022-23	ECE
506.	Wireless Charging of Mobile Phone Using Microwave	2022-23	ECE
507.	Extream Ultraviolet Lithography	2022-23	ECE
508.	Plastic Electronics	2022-23	ECE
509.	High Speed Non-violet optical memory	2022-23	ECE
510.	Night Vision Technology	2021-22	ECE
511.	An Ad hoc Network for Wireless Technology: DakNet	2021-22	ECE
512.	Metaverse - The Extended Reality	2021-22	ECE
513.	Wearable Devices for the Detection of COVID-19	2021-22	ECE
514.	Block Chain Technology	2021-22	ECE
515.	Blue Eyes Technology	2021-22	ECE
516.	IoT based Air Pollution Monitoring System	2021-22	ECE
517.	Electronic Bomb	2021-22	ECE
518.	Answer Evaluation System Using Language Process Algorithm	2021-22	ECE
519.	Human Computer Interface	2021-22	ECE
520.	Agricultural Model for Crop Prediction on the Region Belts of India	2021-22	ECE
521.	SKL Based Fake Reviews Detection	2021-22	ECE
522.	Smart Security Box	2021-22	ECE
523.	Skinput Technology	2021-22	ECE
524.	Android Based Home Automation System	2021-22	ECE
525.	Wireless Charging of Electric Vehicles	2021-22	ECE
526.	Airbone Internet	2021-22	ECE
527.	Electronic Toll Collection	2021-22	ECE
528.	Wireless Patient Health Monitoring System	2021-22	ECE
529.	Space Robotics	2021-22	ECE
530.	An Efficient Approach of Taking Quick AND Simple Notes in Air through Smart Note Taker	2021-22	ECE
531.	Automated Communication of Emails and Dynamic Attachments through RPA Blue Prism	2021-22	ECE
532.	Google Glass	2021-22	ECE
533.	Edge Computing	2021-22	ECE
534.	Solar Tree: An Epic Source of Energy.	2021-22	ECE
535.	Smart Quill	2021-22	ECE
536.	Recent Advances in Vehicle-Embedded Systems	2021-22	ECE
537.	Underwater Wireless Sensor Networks	2021-22	ECE
538.	Biometrically Secured ATM System	2021-22	ECE
539.	Multiple Laser Alarm System Using Arduino UNO	2021-22	ECE
540.	V2X, Vehicle to Everything	2021-22	ECE



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	Academics
	Student Centric Methods
	Technical Seminars

541.	E-Ball Technology	2021-22	ECE
542.	Automatic Rain Sensing Wiper	2021-22	ECE
543.	Smart Medical Mirror.	2021-22	ECE
544.	Automated public Transport Ticketing System	2021-22	ECE
545.	Design for Testability in Timely Testing of VLSI Circuits	2021-22	ECE
546.	String Battery	2021-22	ECE
547.	LI-FI, Optical Wireless Technology	2021-22	ECE
548.	Poly Fuse	2021-22	ECE
549.	Infrared plastic solar cell technology	2020-21	ECE
550.	Atomic scale memory at a silicon surface	2020-21	ECE
551.	E-ink display technology	2020-21	ECE
552.	Solar tree	2020-21	ECE
553.	Battery less smart phones	2020-21	ECE
554.	Barcode technology	2020-21	ECE
555.	E-textile	2020-21	ECE
556.	Finfet Technology	2020-21	ECE
557.	Bio battery	2020-21	ECE
558.	Augmented reality in industry	2020-21	ECE
559.	Electronic nose	2020-21	ECE
560.	WIBREE TECHNOLOGY	2020-21	ECE
561.	Ecommerce-opportunities and challenges	2020-21	ECE
562.	Biochips	2020-21	ECE
563.	Nanotechnology	2020-21	ECE
564.	Surge current protection using superconductors	2020-21	ECE
565.	Hybrid Power Generation System Using Solar Energy and Wind Energy	2020-21	ECE
566.	Paper battery	2020-21	ECE
567.	Multilayer organic light emitting diode	2020-21	ECE
568.	Wireless power transmission technology	2020-21	ECE
569.	Plasmonics	2020-21	ECE
570.	Life detection system	2020-21	ECE
571.	Electronics bus ticketing system	2020-21	ECE
572.	BLUE BRAIN-Bringing A Virtual Brain To Life	2020-21	ECE
573.	Wireless communications and applications Above 100ghz opportunities and challenges for and beyond	2020-21	ECE
574.	Navigation with Indian constellation Navie	2020-21	ECE
575.	E-waste management	2020-21	ECE
576.	White led	2020-21	ECE
577.	Gi-fi technology	2020-21	ECE
578.	Lean and Kanban Methodology	2020-21	ECE
579.	Polymer light emitting diode	2020-21	ECE
580.	Artificial intelligence for enhancing	2020-21	ECE

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		Academics	
		Student Centric Methods	
		Technical Seminars	

	Clinical medicine		
581.	Towards a Wireless and Low-Power Infrastructure for Representing Information Based on E-Paper Displays	2020-21	ECE
582.	Cruise control	2020-21	ECE
583.	Firewall: the cyber security	2020-21	ECE
584.	Organic Light Emitting Diode	2019-20	ECE
585.	Navigation with Indian constellation (NavIC)	2019-20	ECE
586.	Artificial Intelligence in Power Systems	2019-20	ECE
587.	HAWKEYE Technology	2019-20	ECE
588.	Adaptive Headlight System	2019-20	ECE
589.	Bionic Eye	2019-20	ECE
590.	A Scenario on Big Data	2019-20	ECE
591.	Protein based Memory	2019-20	ECE
592.	Paper Battery	2019-20	ECE
593.	Laser Communication	2019-20	ECE
594.	Face Recognition Technology	2019-20	ECE
595.	Smart Dust Technology	2019-20	ECE
596.	Underwater Wireless Communication	2019-20	ECE
597.	Wearable Biosensors Technology	2019-20	ECE
598.	Blue Brain Technology	2019-20	ECE
599.	Smart Antenna for Mobile Communication	2019-20	ECE
600.	Bio Battery	2019-20	ECE
601.	Brain Gate Technology	2019-20	ECE
602.	5g Wireless Technology	2019-20	ECE
603.	Rain Technology	2019-20	ECE
604.	Solar Tree	2019-20	ECE
605.	GIFI Next Generation Wireless Technology	2019-20	ECE
606.	Pill Camera	2019-20	ECE
607.	Space solar power	2019-20	ECE
608.	Solar mobile charger	2019-20	ECE
609.	Wireless Intelligent Network	2019-20	ECE
610.	Rfid Tag System	2019-20	ECE
611.	Microelectronic pill	2019-20	ECE
612.	Smart power generation from waste heat by Thermoelectric genetator	2019-20	ECE
613.	Silent Sound Technology	2019-20	ECE
614.	Haptic Technology	2019-20	ECE
615.	Google Glass	2019-20	ECE
616.	Mems Technology	2019-20	ECE
617.	Augmented Reality in industry 4.0	2019-20	ECE
618.	9G mobile Technology	2019-20	ECE
619.	Plasma antenna Technology	2019-20	ECE
620.	Automatic meter Reading	2019-20	ECE



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	Academics
	Student Centric Methods
	Technical Seminars

621.	Ayla Networks ny Ayla	2018-19	ECE
622.	Watson IoT Platform	2018-19	ECE
623.	Virtual Reality	2018-19	ECE
624.	RIOT OS IOT Devices	2018-19	ECE
625.	Things Speak web Service for IoT	2018-19	ECE
626.	Optical Heterodyning in Microwave Photonic Receiver for Radar Applications	2018-19	ECE
627.	Attendance and Security Assurance using Image Processing	2018-19	ECE
628.	Wireless Power transfer Solution for Smart-Charger with RF Energy Harvesting in Public Area	2018-19	ECE
629.	Lite OS	2018-19	ECE
630.	TinyOS	2018-19	ECE
631.	Nano RK OS	2018-19	ECE
632.	Micro LED Displays	2018-19	ECE
633.	Polytronics	2018-19	ECE
634.	Free Space Optics	2018-19	ECE
635.	Infrared Plastic Solar Cell	2018-19	ECE
636.	Gi-Fi Technology	2018-19	ECE
637.	Smart Antennas for Satellite Communication on the Move	2018-19	ECE
638.	Multicore Processor Technology	2018-19	ECE
639.	Skin put Technology	2018-19	ECE
640.	Brain Computer Interface	2018-19	ECE
641.	Laser Guided Missile	2018-19	ECE
642.	Li-Fi Technology in Traffic Light	2018-19	ECE
643.	CONtiki OS	2018-19	ECE
644.	Touch less Touch screen technology	2018-19	ECE
645.	BOSCH IOT Suite	2018-19	ECE
646.	Seamless Access Networks using Radio-Over-Fiber Technology for High-Speed Trains	2018-19	ECE
647.	Wireless Power Transfer	2018-19	ECE
648.	Gigahertz Wireless Power Transmission for Solar Power Satellite	2018-19	ECE
649.	Vehicle management system	2018-19	ECE
650.	Landline Detection using Impulse Ground Penetrating Radar	2018-19	ECE
651.	Ultra Wide band technology Creating a Wireless World	2018-19	ECE
652.	SAMSUNG Artik IOT Platform	2018-19	ECE
653.	Mind sphere by Siemens IOT Platform	2018-19	ECE
654.	Microsoft Azure IOT Platform	2018-19	ECE
655.	LoRa WAN	2018-19	ECE
656.	Laser Frequency Combs for Coherent optical Communications	2018-19	ECE
657.	Zetta:An API-First IOT Platform	2018-19	ECE
658.	Battery Les Phone	2018-19	ECE
659.	Agricultural Robotics	2018-19	ECE
660.	Underwater Wireless Communication	2018-19	ECE



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	Academics
	Student Centric Methods
	Technical Seminars

661.	Internet Protocol Television network	2018-19	ECE
662.	Tsunami Warning System	2018-19	ECE
663.	Sales force IOT Cloud	2018-19	ECE
664.	Real sense OS for X	2018-19	ECE
665.	Mocana IOT Platform	2018-19	ECE
666.	Battery less phone	2018-19	EEE
667.	Tesla coil wireless power transmission	2018-19	EEE
668.	Increasing transfer capability of the transmission system using the methodological data	2018-19	EEE
669.	Cloud based automated irrigation and plant leaf disease detection system using an android application	2018-19	EEE
670.	Community energy storage	2018-19	EEE
671.	Artificial intelligence and robotics	2018-19	EEE
672.	Prevention of distribution transformer premature failures	2018-19	EEE
673.	Laser guided missiles	2018-19	EEE
674.	Vortex bladeless wind power generator	2018-19	EEE
675.	Plastic Electronics based conformable electronic circuits	2018-19	EEE
676.	High temperature conductors	2018-19	EEE
677.	Vertically mounted bifacial photovoltaic modules	2018-19	EEE
678.	Protection challenges under bulk penetration of renewable energy resources in power systems	2018-19	EEE
679.	Fault location on mixed overhead line and cable transmission networks	2018-19	EEE
680.	Cloud based automatic street light monitoring system	2018-19	EEE
681.	A review of recent trends in wireless power transfer technology and its application in electric vehicle wireless charging	2018-19	EEE
682.	Brain computer interface	2018-19	EEE
683.	Generation of electricity from ocean waves	2018-19	EEE
684.	Electric grid disaster response management	2018-19	EEE
685.	Infrared plastic solar cell	2018-19	EEE
686.	Design and modeling of dc/dc boost converter for mobile device application	2018-19	EEE
687.	Modern Electrical Machine Design Optimization: Techniques, Trends and Best Practices	2018-19	EEE
688.	Power quality enhancement of variable frequency drive by PWM bridgeless dual boost converter	2018-19	EEE
689.	Utilization of energy storages to secure electricity supply in electricity distribution network	2018-19	EEE

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			Academics
			Student Centric Methods
			Technical Seminars

690.	Tsunami warning system	2018-19	EEE
691.	Artificial intelligence in solar energy application	2018-19	EEE
692.	Electric vehicle charging station technologies based on smart grid	2018-19	EEE
693.	Fire fighting robotic vehicle	2018-19	EEE
694.	Artificial intelligence in power system	2018-19	EEE
695.	Night vision technology	2018-19	EEE
696.	Electricity production coupled with waste water treatment using microbial fuel cell	2018-19	EEE
697.	Blue brain	2018-19	EEE
698.	Advancement in inverter technology for industrial applications	2018-19	EEE
699.	Hybrid battery technology with battery management system	2018-19	EEE
700.	Advanced communication through flesh redaction	2018-19	EEE
701.	Overview of Adaptive Protection System for modern power system	2018-19	EEE
702.	Utilities investments into residential properties: PV solar system	2018-19	EEE
703.	Smart grid challenges, issues and solutions	2018-19	EEE
704.	Recent advances in industrial wireless sensor networks towards efficient management in IOT	2018-19	EEE
705.	Solid waste management	2018-19	EEE
706.	Gas insulated substation	2018-19	EEE
707.	Automatic charging lane for electric vehicle	2018-19	EEE
708.	Nano generators	2018-19	EEE
709.	Plasma Antenna	2018-19	EEE
710.	Eddy current brake- An advanced braking system	2018-19	EEE
711.	Wireless smart grid design for monitoring and optimization electric transmission	2018-19	EEE
712.	G2V and V2G Electric vehicle charger for smart grids	2018-19	EEE
713.	Development of high efficiency photovoltaic solar cell	2019-20	EEE
714.	Smart solutions for smart city : Digital Solutions for a more livable future	2019-20	EEE
715.	Optimization of Electric drives for traction applications	2019-20	EEE
716.	Wireless Power Transmission Via Solar Power Satellite	2019-20	EEE
717.	Magenn Power Air Rotor System	2019-20	EEE
718.	A greener approach to harvest energy using piezo speed breaker	2019-20	EEE

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			Academics
			Student Centric Methods
			Technical Seminars

719.	Touchless touch screen technology	2019-20	EEE
720.	AUGEMTED Reality	2019-20	EEE
721.	Artificial Eye	2019-20	EEE
722.	Vortex Induced Vibration Resonant Wind Generators	2019-20	EEE
723.	Air Powered Car – Future of Transportation	2019-20	EEE
724.	Automatic changeover switch (with step loading) for renewable energy systems	2019-20	EEE
725.	Recent development in HVDC	2019-20	EEE
726.	RedTacton- A Human Area Networking Technology	2019-20	EEE
727.	Wireless power sharing	2019-20	EEE
728.	Graphene Battery	2019-20	EEE
729.	Microgrid energy management system	2019-20	EEE
730.	Recent Advancements in design of Amorphous core transformer	2019-20	EEE
731.	Optical Computer- A Future of Technology	2019-20	EEE
732.	Infrared Thermography: A versatile technology for condition monitoring and energy conservation	2019-20	EEE
733.	IONTOPHORESIS	2019-20	EEE
734.	Robotic monitoring of power systems	2019-20	EEE
735.	Electricity and Industry 4.0	2019-20	EEE
736.	SUNBOT: Solar cells that track the sun like sunflower	2019-20	EEE
737.	Google Glass	2019-20	EEE
738.	HVDC Light	2019-20	EEE
739.	A uW Backscatter-Morse-Leaf Sensor for Low-Power Agricultural Wireless Sensor Networks	2019-20	EEE
740.	Electrical Machines in Electric Aircraft and their impact on the environment	2019-20	EEE
741.	Leafshafed Triboelectric Nanogenerators	2019-20	EEE
742.	Power Generation System using SCO2	2019-20	EEE
743.	Virtual Labs of conventional electric machines	2019-20	EEE
744.	Hybrid Electrical Vehicle with Reduced Voltage Induction Motor Drive	2019-20	EEE
745.	Recent Advancement in super capacitor Technology	2019-20	EEE
746.	Blue Brain Technology	2019-20	EEE
747.	Brain gate Technology	2019-20	EEE
748.	6G Mobile Technology	2019-20	EEE
749.	A Comprehensive Survey on PMU Application of WAMS	2019-20	EEE

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		Academics
		Student Centric Methods
		Technical Seminars

750.	Artificial Intelligence and power station	2019-20	EEE
751.	Recent Advancements in Distribution Automation	2019-20	EEE
752.	Plasmonic Conversion of Solar Energy	2019-20	EEE
753.	Augmented Reality in Industry 4.0: Industrial Perspective	2019-20	EEE
754.	3D Integrated Circuits	2019-20	EEE
755.	Carbon Nan tube based paper battery	2019-20	EEE
756.	LPG Gas Leakage sensor	2019-20	EEE
757.	Smart transmission system by HVDC and facts	2019-20	EEE
758.	Solar thermal power	2019-20	EEE
759.	Controlled AC Electrical Drives`	2019-20	EEE
760.	Harnessing electricity by rain drop	2019-20	EEE
761.	Biometric Authentication	2019-20	EEE
762.	Current measurement using optical current transformer	2019-20	EEE
763.	Carbon nano tubes in solar panel technology	2019-20	EEE
764.	Current Li ion Battery Technologies in electrical vehicles and opportunities for advancement	2019-20	EEE
765.	MPPT controller for PV and wind energy conversion systems	2020-21	EEE
766.	Speed control of DC motor using PIC controller.	2020-21	EEE
767.	Design and development of solar Bi-Cycle	2020-21	EEE
768.	Designing of Smart drip Irrigation System for remote hilly areas	2020-21	EEE
769.	Speed Control of BLDC Motor using PWM Technique	2020-21	EEE
770.	ARDUINO in latest technology	2020-21	EEE
771.	Image Segmentation and Feature Extraction	2020-21	EEE
772.	Digital Image Processing	2020-21	EEE
773.	Non-isolated DC to DC boost converter for renewable energy systems	2020-21	EEE
774.	Wind Turbine Condition Monitoring and Fault Diagnosis	2020-21	EEE
775.	Modeling and simulation of wind turbine generator using MATLAB-simulink	2020-21	EEE
776.	Integrated DC to AC converter for hybrid power system	2020-21	EEE
777.	Autonomous vehicle control using image processing	2020-21	EEE
778.	Electrical Tricycle	2020-21	EEE
779.	PCA Implementation in power system	2020-21	EEE
780.	Early Event detection in power system	2020-21	EEE
781.	Artificial Intelligence in power system	2020-21	EEE

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			Academics
			Student Centric Methods
			Technical Seminars

782.	Modeling of solar PV array in hybrid power system	2020-21	EEE
783.	Speed control of BLDC motor using FLC	2020-21	EEE
784.	Convolution Neural Network	2020-21	EEE
785.	Solar Tracking System using Microcontroller	2020-21	EEE
786.	Performance analysis of BLDC Motor under varying load	2020-21	EEE
787.	Image Processing for weed detection in Agriculture	2020-21	EEE
788.	Different Pole Arc and Different Magnet Combination to Reduce the Cogging Torque in PMDC Motors	2020-21	EEE
789.	Analysis of optical character recognition technology	2020-21	EEE
790.	Working of permanent magnet brushless under over voltage.	2020-21	EEE
791.	Wind turbine performance analysis for energy cost minimization.	2020-21	EEE
792.	Wind turbine blade design.	2020-21	EEE
793.	Advancements in solar power satellite & space rectenna systems.	2021-22	EEE
794.	Internet of things in power system.	2021-22	EEE
795.	Recent trends in silent sound technology	2021-22	EEE
796.	Recent advances in use of thermoelectric materials in renewable energy generation.	2021-22	EEE
797.	Variable frequency drive & its industrial applications.	2021-22	EEE
798.	Power Electronics in Renewable Energy systems.	2021-22	EEE
799.	Battery power management for portable devices.	2021-22	EEE
800.	Battery power management IC's	2021-22	EEE
801.	Sustainable energy system with HVDC transmission.	2021-22	EEE
802.	Recent development in Maglev Train	2021-22	EEE
803.	Automatic braking system using ultrasonic sensor.	2021-22	EEE
804.	Hybrid Electric vehicles.	2021-22	EEE
805.	Electricity theft detection & localization in smart grids for Industry 4.0	2021-22	EEE
806.	Flexible lithium ion planer thin film battery.	2021-22	EEE
807.	Single electron Transistor	2021-22	EEE
808.	Ultrasonic motor	2021-22	EEE
809.	PMU based wide area monitoring system in Indian power grid.	2021-22	EEE
810.	Fault detection & classification using PMU measurements.	2021-22	EEE
811.	Cascading failure in power grid analysis & algorithms.	2021-22	EEE
812.	Infrared plastic solar cell.	2021-22	EEE
813.	Skin put technology	2021-22	EEE
814.	Blue eyes technology	2021-22	EEE
815.	Advances in wireless electricity Transmission.	2021-22	EEE
816.	Bio Battery	2021-22	EEE
817.	Advances in Inverter technology for industry application.	2021-22	EEE



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Academics

Student Centric
MethodsTechnical
Seminars

818.	Intelligent management of electrical systems in industries.	2021-22	EEE
819.	PPTC devices for protection of battery packs.	2021-22	EEE
820.	Net zero energy building	2021-22	EEE
821.	Electrical Bio chip technology-A tool for microarrays & continuous monitoring.	2021-22	EEE
822.	Recent technologies on under water optical communication system.	2021-22	EEE
823.	Air cooling using unsaturated air.	2021-22	EEE
824.	Detection of illegal Electricity usage.	2021-22	EEE
825.	Power system blackout: Research motivations & challenges.	2021-22	EEE
826.	Hyperloop Transportation System	2022-23	EEE
827.	Global Progress towards Renewable Electricity: Tracking the role of solar	2022-23	EEE
828.	Smart grid Management using AI & ML	2022-23	EEE
829.	Automatic Substation load Shedding and Sharing	2022-23	EEE
830.	Fault identification of power equipment based on image preprocessing	2022-23	EEE
831.	Autonomous underwater vehicle	2022-23	EEE
832.	Use of GPS Navigation for driverless cars	2022-23	EEE
833.	Object detection using Deep learning	2022-23	EEE
834.	Bladeless Wind Turbine	2022-23	EEE
835.	Graphene Super capacitor	2022-23	EEE
836.	The Future Robotics Technology	2022-23	EEE
837.	Application of Virtual reality Technology for study of power system	2022-23	EEE
838.	Smart Load Control	2022-23	EEE
839.	Wave Energy Converter	2022-23	EEE
840.	Smart Farming the Future of Modern Agriculture	2022-23	EEE
841.	HVDC Light-A New Technology Analysis	2022-23	EEE
842.	Fuel cell power generation	2022-23	EEE
843.	Tsunami Early Warning System	2022-23	EEE

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