SRM UNIVERSITY AP

Andhra Pradesh

Annual Report

2019 – 2020

CONTENTS

SRM University-AP, Andhra Pradesh

A HISTORY OF THINKING FORWARD

SRM University-AP, Andhra Pradesh is a multi-stream research university with a focus on diverse fields. From Engineering to Sciences and Liberal Arts to Management, SRM University-AP's vision is to emerge as a world-class university that is globally connected, nationally relevant, and regionally transformative. It has an ambitious plan to be in the top world-class universities in ten years.

SRM University-AP has partnered with the world's best names for educational method and philosophy, campus design and infrastructure, learning and living spaces, and recruitment of faculty and leadership. **Perkins & Will**, renowned American Architecture Firm, that has designed some of the leading universities in the world, is the architect for this new-age institution. The campus is sprawled over 100 acres of lush greenery and facilitated with top-notch equipment and infrastructure.

With students in India seeking more inter-disciplinary programs and flexibility in learning, SRM University, AP -Andhra Pradesh has revamped how the programs are offered, and the curriculum is designed. There is also an increasing focus on experiential learning (learning through doing) and technology-enabled active learning. SRM University-AP has introduced 'Inter-Disciplinary Experiential Active Learning' (IDEAL).

SRM University-AP, Andhra Pradesh is located at Neerukonda, Mangalagiri Mandal, Guntur District of Andhra Pradesh, between the major cities Vijayawada and Guntur, and the nearest town is Mangalagiri. It is well connected via railways, bus and airport.

The nearest airport is Vijayawada Airport, which is 40 km away from SRM University-AP. The nearest major railway stations are Vijayawada Junction and Guntur Junction, which are 23 and 31 km away respectively. NH16 is in close proximity. The nearest major bus stations are in Mangalagiri, Vijayawada, and Guntur.

OUR CHARTER

SRM University-AP was founded in 2017 by the SRM Trust under the *Andhra Pradesh Private Universities (Establishment and Regulation) Act, 2016*. It was the first educational institute to be established in Amaravati, Andhra Pradesh with a vision of providing quality education and international exposure.

AIMS AND OBJECTIVE

As a leader in tertiary education, SRM University-AP has been challenging traditions. The University has been creating marvels since its inception in 2017 in order to reach its goal of becoming a multidisciplinary research institute of international repute. SRMAP thrives on bringing quality education within reach of our students to lessen the dependability on international institutions for quality education and research. SRMAP believes that our meritorious students can do wonders if they are given proper support and guidance. SRM University-AP wants to emerge as a world-class university in creating and disseminating knowledge and providing students with a unique learning experience in their chosen field of scholarship, that would best serve the society. The quality of education and service provided will be of the highest order. The University is committed to the advancement of education across all spheres.

- Develop into an inter-disciplinary institute combining academic rigour, the excitement of discovery, creativity and entrepreneurship
- Deliver world-class research-based education, creating new knowledge and innovations.
- Provide an inspiring and stimulating environment for a diverse campus community of faculty and students
- Create and sustain a university in which, for the benefit of both India and the wider world, the brightest researchers and the most promising students can thrive and realise their full potential.
- Recognise the power of education to change society.

LEADERSHIP OF THE SRM-AP

GOVERNANCE

Dr. T. R. PAARIVENDHAR Chancellor, SRM University, India
Dr. P. SATHYANARAYANAN Founder, Chairman of the Board and President, SRM University, India
Dr. JAMSHED JAL BHARUCHA Vice Chancellor (Until Oct. 2019) SRM University – AP, Andhra Pradesh
Prof. D. NARAYANA RAO Pro Vice Chancellor SRM University – AP, Andhra Pradesh
Dr. D. GUNASEKARAN Registrar SRM University – AP, Andhra Pradesh

Board of Governors

SRM University-AP's Board of Governors is the governing authority of the University. The Board of Governors oversees all major decisions concerning the conduct of the University and the University's physical and academic development. Composed of eight Fellows and chaired by the President, the Board of Governors makes the strategic decisions for the prosperity of the University.

Sl. No	Name	Designation
1	**Dr. P. Sathyanarayanan*** Chairman of the Board and President, SRM University, India.	Chairperson, Governing Body
2	**Dr. Jamshed Jal Bharucha** Vice Chancellor, SRM University – AP, Andhra Pradesh.	Member, Governing Body (until Oct. 2019)
3	**Dr. Nicholas Dirks** Emeritus Chancellor, University of California, Berkeley, US.	Member, Governing Body
4	**Prof. Bertil Anderson** President Emeritus Nanyang Technological University, Singapore	Member, Governing Body
5	**Mr. N. Ram** Chairman, The Hindu Publishing Group, India.	Member, Governing Body
6	**Prof. Elizabeth Beste Bradley** President, Vassar College, USA	Member, Governing Body
7	**Prof. Kerry Healey** President, Babson College, USA	Member, Governing Body
8	**Dr. Pradeep Khosla** Chancellor, University of California, San Diego, US.	Member, Governing Body
9	**Dr. K. N. Ganesh** Director, IISER, Tirupati.	Member, Governing Body
10	**Dr. Prasant Mohapatra** Vice Chancellor for Research University of California, Davis, USA	Member, Governing Body
11	**Dr. D. Gunasekaran** Registrar SRM University-AP, Andhra Pradesh	Member-Secretary, Governing Body

* Held Charge as Vice Chancellor

Board of Management

The Vice-Chancellor is the principal administrative officer of the University. The Board of Management is constituted with nine fellows who aid the Vice-Chancellor in the operational procedures of the University. The Vice-Chancellor chairs the Board of Management. The Board of Management is representative of the University's diverse academic and administrative affairs and is accountable for the academic and financial health of the University. The Board provides advice to the Vice-Chancellor on all organisational matters, including the University's strategic priorities and policies. The Board of Management is responsible for safeguarding the quality of the University's academic and administrative activities.

Sl. No	Name	Designation
1	**Dr. P. Sathyanarayanan*** Chairman of the Board and President, SRM University, India.	Chairperson, Board of Management
2	**Dr. Jamshed Jal Bharucha** Vice Chancellor, SRM University – AP, Andhra Pradesh.	Member, Board of Management (until Oct. 2019)
3	**Dr. Damodar Acharya** Former Director, IIT Kharagpur	Member, Board of Management
4	**Dr. N. Balakrishnan** Indian Institute of Science, Bangalore	Member, Board of Management
5	**Dr. B. V. R. Chowdari** Nanyang Technological University, Singapore	Member, Board of Management
6	**Dr. D. Narayana Rao** Pro Vice Chancellor, SRM University – AP, Andhra Pradesh	Member, Board of Management
7	**Dr. C. Muthamizhchelvan** Director, Engineering & Technology, SRM University –SRMIST, Chennai	Member, Board of Management
8	**Dr. D. Gunasekaran** Registrar SRM University-AP, Andhra Pradesh	Member-Secretary, Board of Management

* Held Charge as Vice Chancellor

Faculty & Staff

SRM University – AP, Amaravati, started in 2017, has been hiring top-notch intellectuals from across the world as its administrators and faculty members. The administration and teaching staff are adequately complemented by support staff both from SRM and Green Pearl Education Management.

Governance Body

Sl. No.	Name	Designation
1	Dr. T. R. Paarivendhar	Chancellor
2	Dr. P. Sathyanarayanan	Founder & President

Core Leadership Team

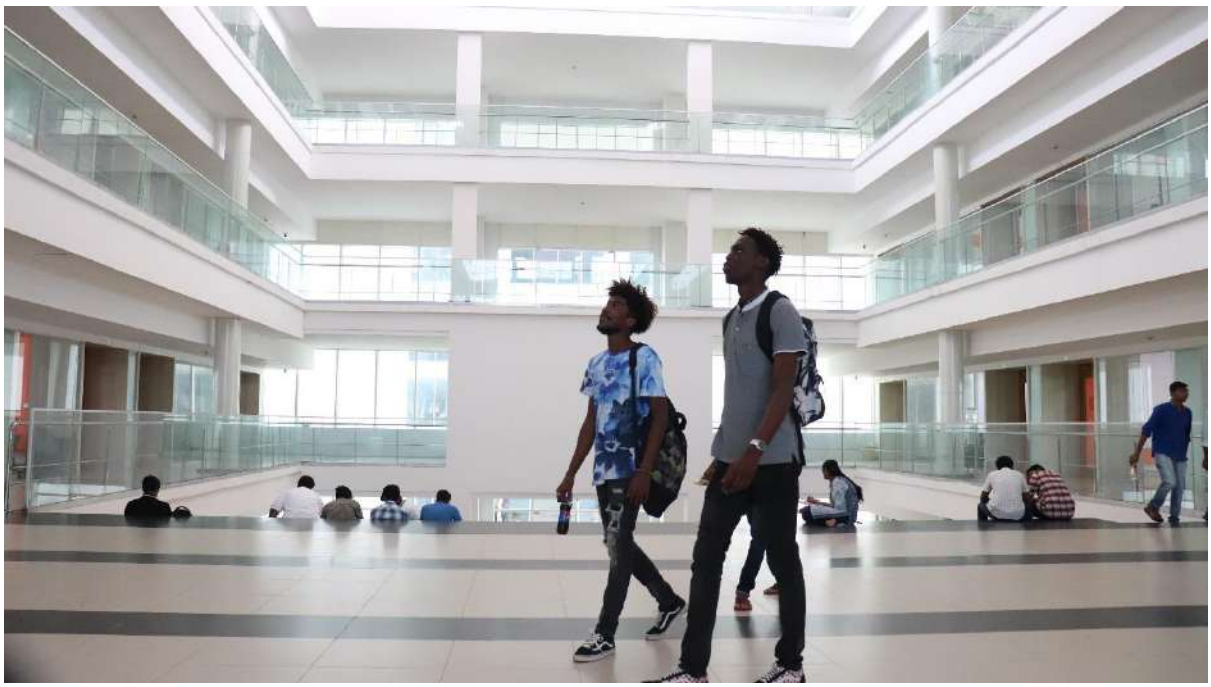
Sl. No.	Name	Designation
1	Dr. Jamshed Jal Bharucha	Vice Chancellor (until Oct. 2019)
2	Dr. D. Narayana Rao	Pro Vice Chancellor
3	Dr. Vijaysekhar Chellaboina	Professor & Associate Dean – SEAS (until March 31, 2020)
4	Dr. Shailender Swaminathan	Professor & Associate Dean – SLABS (until Dec 31, 2020)
5	Dr. Kasthurirangan Gopalakrishnan	Professor & Associate Dean - Research
6	Dr. D. Gunasekaran	Registrar
7	Ms. Suma Nulu	Chief Finance and Accounts Officer (CFO)
8	Wg. Cdr. Venkataachalam Sekkappan	Director, Campus Life & Maintenance (CLM)
9	Mr. Sriram S. Padmanabhan	Director, Corporate Relations
10	Dr. K. Mohan	Director, ITKM (since Dec 17, 2019)
11	Dr. J. M. Franklin	Director, HR (until April 30,2020)

12	Mr. Rupesh Bisht	Director, Admissions (until Jan 10,2020)
13	Dr. M.K. Jyothi	Director, Students Affairs (01 Mar. 2019 to 06 Jun. 2019)
14	Mr. Nalin Bakhle	Director, Media Communications (until Nov 30,2019)
15	Mr. Prabhakar Chowdary	Director, IT (until Dec 18, 2019)

Senior Officers Team

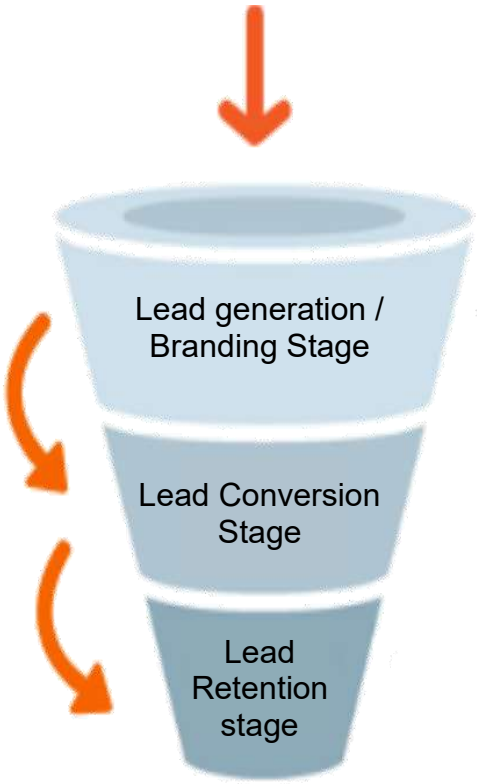
Sl. No.	Name	Designation
1	Dr. B. Sivakumar	Deputy Registrar
2	Ms. Revathi Balakrishnan	Assistant Director, Student Affairs
3	Dr. Arundhati Ghanwar	Associate Director, ITKM
4	Ms. Suhasini Bolisetty	Assistant Director, ITKM
5	Mr. S. Sankaranarayanan	Assistant Director
6	Ms. Jessie Lee Papatolicas	Senior Strategy Advisor - International Relations and Women's Advancement (until Nov 30, 2019)

ADMISSIONS



Maintaining the diversity with students hailing from 24 states of India, and 11 different countries

The department of Admissions, SRM University-AP, Andhra Pradesh sailed through the crisis imposed by the pandemic by engaging students virtually and conducting the admission process through online platforms. To engage the students and resolve their queries, the department conducted 70 webinars with the faculty and students of SRM University-AP. Also, before the spread of the novel Corona Virus, the department conducted 168 info sessions & School Connect programmes via online and offline platforms with average attendees of 63. These sessions enabled prospective students to choose the new-age university for a thriving career. Further, the department used digital as well as traditional marketing tools to promote the university to a broad spectrum of audiences. Ensuring the improvement of SRM University-AP's presence across important search engines and education aggregators sites, the department used paid campaigns as well as liaised with the Higher Ed career portal.

Marketing Activities	Digital Marketing	Traditional Marketing
	• AdWords/SEO • Institute Website • Education Portals	• Print Ads • Info Session • Education Portals
	• Email/SMS • Remarketing • Webinars	• Campus Visits • Info Session • BPO/Counsellors
	• WhatsApp Group • Remarketing • Email/SMS • E-stall	• Campus Visits • BPO/Counsellors • Faculty Interaction

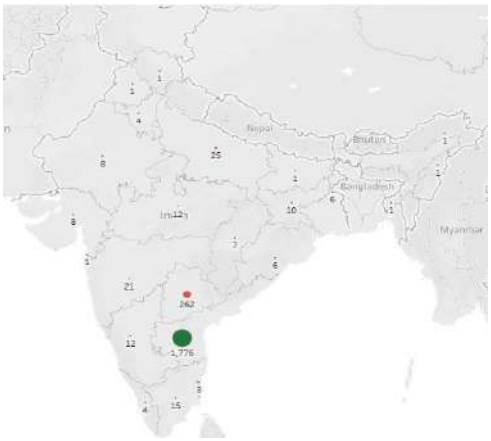
The department invited all parents and students to visit the campus, taking all precautionary measures of COVID-19 to negate their predicaments regarding the University's infrastructure, quality of faculty, excellence of programme, etc., resulting in 53% of total intakes. In addition, emails were designed and sent to all students providing relevant information on SRM University-AP along with flyers of respective departments, scholarships, quality of faculty, research-centric curriculum, labs, opportunities for students etc. With the consent from Dr P Sathyanarayanan, Hon'ble President, attractive scholarships were offered to the meritorious students willing to be a part of SRM University-AP, the sought-after University for modern education.

Finally, with the help of the department of Information Technology and Knowledge Management (ITKM), the enrolment process was conducted online. During common counselling, the faculty members, department of Finance, department of Campus Life

Management (CLM), and admissions managers established e-stalls to help students by resolving their queries. This enabled a total admission of 2,239 students in this academic year. The department also succeeded in maintaining the diversity of SRM University-AP with students hailing from 24 states of India, and 11 diverse countries.

Students enrolled in the academic year 2019-20

Sl. No.	Degree Program	2017-18		2018-19		2019-20		Total
		Male	**Female**	**Male**	**Female**	Male	Female	
1	Computer Science and Engineering	103	36	428	244	350	200	1,361
2	Electronics and Communication Engineering	48	25	174	83	84	46	460
3	Mechanical Engineering	25	01	72	5	38	3	144
4	Civil Engineering	-	-	35	9	17	6	67
5	Electrical and Electronics Engineering	-	-	21	7	13	8	49
6	School of Liberal Arts & Basic Sciences and School of Management	-	-	37	39	38	44	158
	Total	**176**	**62**	**767**	**387**	**540**	**307**	**2,239**



Sl. No	State	Students
1	Andhra Pradesh	1,776
2	Arunachal Pradesh	01
3	Bihar	04
4	Gujarat	08
5	Jharkhand	10
6	Karnataka	12
7	Kerala	04
8	Madhya Pradesh	12
9	Maharashtra	21
10	Nagaland	01
11	New Delhi	04
12	Punjab	01
13	Rajasthan	08
14	Tamil Nadu	15
15	Telangana	262
16	Puducherry	03
17	Uttar Pradesh	25
18	Chhattisgarh	07
19	Daman & Diu	01
20	Haryana	04
21	Orissa	06
22	Himachal Pradesh	01
23	Tripura	01
24	West Bengal	06
Total		**2,193**

46 Students from 11 different countries

Sl. No.	Country	No. of Students
1	America	01
2	Afghanistan	03
3	Bangladesh	04
4	Cote d'lvoire	03
5	Ghana	12
6	Mauritius	01
7	Nepal	16
8	Nigeria	01
9	Tanzania	02
10	Syria	02
11	UAE	01
Total		**46**

State Board & CBSE Board Students

Name of State	State Board				CBSE			
	2018-19	2017-18	2019-20	Total	2018-19	2017-18	2019-20	Total
Arunachal Pradesh	0	0	0	**-**	0	0	01	01
Andhra Pradesh	858	137	662	**1657**	57	05	60	122
Telangana	127	37	73	**237**	13	01	08	22
Maharashtra	12	01	03	**16**	03	-	02	05
Uttar Pradesh	02	-	01	**03**	15	01	05	21
Karnataka	06	02	00	**08**	02	-	01	03
Madhya Pradesh	02	-	00	**02**	05	05	00	10
Tamil Nadu	05	03	03	**11**	02	01	01	04
Rajasthan	01	-	00	**01**	05	01	01	07
Gujarat	-	-	02	**02**	05	01	02	08
Jharkhand	-	-	01	**01**	04	03	02	09
Orissa	-	-	01	**01**	04	-	01	05
Haryana	-	-	00	**00**	03	-	01	04
Chhattisgarh	01	-	02	**03**	02	-	02	04
Puducherry	02	-	01	**03**	-	-	00	-
New Delhi	-	-	00	**00**	01	01	02	04
Punjab	0	0	01	**01**	0	0	0	00
Nagaland	0	0	00	**-**	0	0	01	01
Himachal Pradesh	-	-		**-**	01	-	00	01
Bihar	-	01	01	**02**	01	01	00	02
Daman And Diu	01	-	00	**01**	-	-	00	-
Kerala	-	-	01	**01**	01	02	00	03
Tripura	-	-	00	**00**	-	01	00	01
West Bengal	-	-	02	**02**	-	01	03	04
Total	**1,017**	**181**	**754**	**1,952**	**124**	**24**	**93**	**241**

Board wise Distribution

S. No	Board	2017-18	2018-19	2019-20	Grand Total
1	CBSE	21	124	93	238
2	State-Board	181	1,018	752	1,951
3	Foreign	36	12	2	50

Scholarships awarded during 2019-20

The University always stands by meritorious and deserving students. The University offers several scholarships to economically backward students to help them with their financials. The scholarships are purely awarded based on academic's accomplishments, sports and cultural excellence. The University also offers scholarships to differently-abled students.

Sl. No.	School	Total number of Students	Scholarship Amount	School
1	SEAS-1st Year	90	1,14,70,360	5,94,96,442
2	SEAS-2nd Year	87	1,17,97,842	
3	SEAS-3rd Year	146	3,62,28,240	
4	SLABS-1st Year	6	5,55,825	47,33,575
5	SLABS-2nd Year	19	41,77,750	
	Total	**348**	**6,42,30,017**	**6,42,30,017**

Faculty Members - Listed Department Wise (Alphabetic order)

Biology & Biotechnology - Faculty

Sl. No.	Name	Designation
1	Dr. Jayaseelan Murugaiyan	Professor & HOD
2	Dr. Chilakalapudi Durga Rao	Professor & Dean of SLABS
3	Dr. Anil K. Suresh	Associate Professor
4	Dr. Krishna Priya Ganti	Assistant Professor (until Aug. 2019)
5	Dr. Manjunatha T	DST INSPIRE Faculty
6	Dr. Writoban Basu Ball	Assistant Professor
7	Dr. Pancha Imran Yunusbhai	Assistant Professor
8	Dr. Sutharsan Govindarajan	Assistant Professor

Biology & Biotechnology – Supportive Staff

Sl. No.	Name	Designation
9	Ms. Vundi Susmitha	Lab Assistan (Non-Academic)

Business Administration

Sl. No.	Name	Designation
10	Dr. Michael James Barnes	Professor & Dean of Management
11	Dr. Sasikanta Tripathy	Assistant Professor
12	Dr. Aparna Choudhary	Assistant Professor
13	Dr. Ajitha S	Assistant Professor

Career Development

Sl. No.	Name	Designation
14	Dr. Srabani Basu	Assistant Professor & Coordinator
15	Mr. Asghar Ahmed	Soft Skills Trainer
16	Mr. Laxmanan Angu Raju	Soft Skills Trainer
17	Mr. Ravindra Babu G	Trainer - Quantitative Aptitude
18	Mr. Naresh Adapa	Trainer _ Quantitative Aptitude
19	Mr. Shaik Mohammed Musa Kaleemullah	Trainer_Verbal Ability

Chemistry - Faculty

Sl. No.	Name	Designation
20	Dr. Subhabratha Sen	Professor (until June 2019)
21	Dr. Mannathan S	Associate Professor & HOD
22	Dr. Nimai Mishra	Assistant Professor
23	Dr. Sabyasachi Chakrabortty	Assistant Professor
24	Dr. Mahesh Kumar Ravva	Assistant Professor
25	Dr. Pardha Saradhi Maram	Assistant Professor

Chemistry – Supportive Staff

Sl. No.	Name	Designation
26	Mr. G. Adibabu	Lab Assistant
27	Mr. Nirmal Babu Gera	Lab Assistant

Civil Engineering - Faculty

Sl. No.	Name	Designation
28	Dr. Kasthurirangan Gopalakrishnan	Professor & Associate Dean for Research (on long leave)
29	Dr. G. V. P. Bhagath Singh	Assistant Professor & Coordinator
30	Dr. Ayapilla Narasimha Murthy	Lecturer

Civil Engineering – Supportive Staff

Sl. No.	Name	Designation
31	Ms. Othuru Madhu Latha	Lab Assistant
32	Mr. Vekanuru Naga Gopendra	Lab Assistant

Commerce

Sl. No.	Name	Designation
33	Dr. Ayyagari Lakshmana Rao	Assistant Professor & Coordinator
34	Dr. Shailender Singh	Associate Professor

Computer Science and Engineering - Faculty

Sl. No.	Name	Designation
35	Dr. T. Ragunathan	Professor & HOD
36	Dr. A. Vadivel	Associate Professor
37	Dr. Kazuhito Shida	Associate Professor (until Jan 31, 2020)
38	Dr. Pamulapati Krishna Prasad	Associate Professor
39	Dr. Ashok Kumar Pradhan	Assistant Professor
40	Dr. Priyanka	Assistant Professor
41	Dr. Jatindra Kumar Dash	Assistant Professor
42	Dr. Satish Anamalamudi	Assistant Professor
43	Dr. Murali Krishna Enduri	Assistant Professor
44	Dr. Sandeep Singh Sengar	Assistant Professor
45	Dr. Manikandan V M	Assistant Professor
46	Dr. Bhanukiran Perabathini	Assistant Professor
47	Dr. Jaya Lakshmi Tangirala	Assistant Professor
48	Dr. Amit Kumar Mandal	Assistant Professor
49	Dr. Sobin C C	Assistant Professor
50	Dr. Ravi Kant Kumar	Assistant Professor
51	Dr. Manjula	Assistant Professor
52	Dr. Shuvendu Rana	Assistant Professor
53	Dr. Diwakar Prasad Tripathi	Assistant Professor
54	Dr. Deepak Kachave	Assistant Professor

55	Dr. Ghanshyam Sitkura Bopche	Assistant Professor
56	Dr. B Ramachandra Reddy	Assistant Professor
57	Dr. Ashu Abdul	Assistant Professor
58	Dr. Tapas Kumar Mishra	Assistant Professor
59	Dr. Rajiv Senapati	Assistant Professor
60	Dr. Saleti Sumalatha	Assistant Professor
61	Dr. Dinesh Reddy Vemula	Assistant Professor
62	Dr. Sriramulu Bojjagani	Assistant Professor
63	Dr. Neeraj Kumar Sharma	Assistant Professor
64	Dr. Sambit Kumar Mishra	Assistant Professor
65	Mr. Abadhan Saumya Sabyasachi	Lecturer

Computer Science and Engineering – Supportive Staff

Sl. No.	Name	Designation
66	Ms. Tummala Purnima	Lab Assistant (Non-Academic)
67	Ms. Inturi Swathi	Lab Assistant (Non-Academic)
68	Ms. Divya Naga Pavani Podila	Lab Assistant (Non-Academic)
69	Ms. Sure Anusha Lakshmi	Lab Assistant (Non-Academic)

Electronics and Communication Engineering - Faculty

Sl. No.	Name	Designation
70	Dr. Siva Sankar Yellampalli	Professor & HOD
71	Dr. Priya Ranjan	Professor
72	Dr. Amitabh Chatterjee	Associate Professor
73	Dr. Usha Gogineni	Associate Professor
74	Dr. Ramesh Vaddi	Associate Professor
75	Dr. Sreenivasulu Tupakula	Assistant Professor
76	Dr. Sudhakar Tummala	Assistant Professor
77	Dr. V. Udaya Sankar	Assistant Professor
78	Dr. Sujith Kalluri	Assistant Professor

79	Dr. V Sateeshkrishna Dhuli	Assistant Professor
80	Dr. Pradyut Kumar Sanki	Assistant Professor
81	Dr. Amarjit Kumar	Assistant Professor (until Nov. 2019)
82	Dr. Anirban Ghosh	Assistant Professor
83	Dr. Anuj Deshpande	Assistant Professor
84	Dr. E. Karthikeyan	Assistant Professor
85	Dr. Sunil Chinnadurai	Assistant Professor
86	Dr. Om Jee Pandey	Assistant Professor
87	Dr. KM Divya Chaturvedi	Assistant Professor
88	Dr. Sibendu Samanta	Assistant Professor

Electronics and Communication Engineering – Supportive Staff

Sl. No.	Name	Designation
89	Ms. Snehalatha Rayala	Lab Assistant
90	Ms. Doppalapudi Sivajyothi	Lab Assistant
91	Mr. Tirumala Rao Kadiyam	Lab Assistant
92	Mr. Nagur Shareef Shaik	Lab Assistant
93	Ms. Shaik Rizwana	Lab Assistant
94	Mr. Palagiri Vijay Jyotheeshwar Reddy	Lab Assistant
95	Mr.Thotakura Pavankalyan	Lab Assistant

Economics

Sl. No.	Name	Designation
96	Dr. Shailender Swaminathan	Professor in Economics and Associate Dean - SLABS
97	Dr. Gitanjali Sen	Associate Professor (until Jun 25, 2019)
98	Dr. Sabina Yasmin	Assistant Professor
99	Dr. Sindhu Vasireddy	Assistant Professor
100	Dr. Ghanshyam Pandey	Assistant Professor

Electrical & Electronics Engineering - Faculty

Sl. No.	Name	Designation
101	Dr. Tousif Khan	Assistant Professor & Coordinator
102	Dr. Somesh Vinayak Tewari	Assistant Professor
103	Dr. Sastry Venkata Vedula	Distingusihed Visiting Professor
104	Dr. Shubh Lakshmi	Assistant Professor
105	Dr. Upendra Reddy C	Assistant Professor
106	Dr. Bhamidi Lokeshgupta	Assistant Professor

Electrical & Electronics Engineering – Supportive Staff

Sl. No.	Name	Designation
107	Mr. Dumpala Sivakumar	Technical Officer
108	Mr. Sasank Das Gangula	Lab Assistant

English

Sl. No.	Name	Designation
109	Dr. James West	Professor (until Jan 13, 2020)
110	Dr. Prateek	Assistant Professor & Coordinator
111	Dr. Priyank Varma	Assistant Professor
112	Dr. Arijit Ghosh	Assistant Professor (until Jun 24, 2019)
113	Dr. Vennela Rayavarapu	Assistant Professor (Until Nov. 2019)
114	Dr. Nibedita Bandyopadhyay	Assistant Professor
115	Dr. Rajni	Assistant Professor
116	Dr. Marc Howard Rich	Associate Professor
117	Dr. Ram Kulesh Thakur	Assistant Professor

Environmental Science - Faculty

Sl. No.	Name	Designation
118	Dr. Bhagyalakshmi Kalidass	Assistant Professor (until Feb 03, 2020)
119	Dr. Shoji D. Thottathil	Assistant Professor
120	Dr. Karthik Rajendran	Assistant Professor
121	Dr. Lakhveer Singh	Assistant Professor
122	Dr. Pankaj Pathak	Assistant Professor

Environmental Science – Supportive Staff

Sl. No	Name	Designation
123	Ms. Srilekha Yarraguta	Lab Assistant

History

Sl. No	Name	Designation
124	Dr. Maanvender Singh	Assistant Professor
125	Dr. Malavika Binny	Assistant Professor

Journalism

Sl. No	Name	Designation
126	Dr. Ugen Bhutia	Assistant Professor
127	Ms. Sangeetha Gopi	Instructor

Mathematics

Sl. No.	Name	Designation
128	Dr. V. Kannan	Professor
129	Dr. Jesse Ira Deutsch	Professor
130	Dr. Jadav Ganesh	Assistant Professor
131	Dr. Fouzul Atik	Assistant Professor
132	Dr. Sayantan Mandal	Assistant Professor
133	Dr. Vijayakrishna Rowthu	Assistant Professor
134	Dr. Tapan Kumar Hota	Assistant Professor

135	Dr. Sivaramakrishnan	Assistant Professor
136	Dr. B Madhav Reddy	Assistant Professor
137	Dr. Subhashree Mohapatra	Assistant Professor
138	Dr. Firdoshi Parveen	Assistant Professor
139	Dr. Awanish Kumar Tiwari	Lecturer
140	Dr. G L Reddy	Visiting Faculty
141	Dr. Partha Sarathi Patra	Assistant Professor
142	Ms. Kota Alekhya	Instructor
143	Dr. Ram Baran Verma	Assistant Professor
144	Mr. Radhakrishnan M	Assistant Professor
145	Dr. Jayasree Subramanian	Assistant Professor
146	Dr. Ranjana Mehta	Assistant Professor
147	Dr. Saswata Adhikari	Assistant Professor
148	Prof. Satyanarayana Kottooru	Visiting Faculty

Mechanical Engineering - Faculty

Sl. No.	Name	Designation
149	Dr. Shivkumar Narayanaswamy	Professor
150	Dr. Vijaysekhar Chellaboina	Professor and Associate Dean of Engineering
151	Dr. Prakash Jadhav	Associate Professor
152	Dr. Venkata N Nori	Associate Professor
153	Dr. Sheela Singh	Associate Professor
154	Dr. G. S. Vinod Kumar	Associate Professor
155	Dr. Satya Pramod Jammy	Assistant Professor
156	Dr. Surfaraz Hussain Halkarni	Assistant Professor
157	Dr. Jayaprakash Sharma Panchagnula	Assistant Professor
158	Dr. Lakshmi Sirisha Maganti	Assistant Professor
159	Dr. Janardhan Vistapalli	Assistant Professor

Mechanical Engineering – Supportive Staff

Sl. No.	Name	Designation
160	Mr. Prasad Loya	Lab Assistant (Non-Academic)
161	Mr. Palla Suresh	Lab Assistant (Non-Academic, Resigned)
162	Mr. Chinthala Naveen Kumar	Lab Assistant (Non-Academic)
163	Harinadh Babu K	Welder cum Turner (Non-Academic)
164	Gottam Praveen	Junior Workshop Superintendent (Non-Academic)

Physics - Faculty

Sl. No.	Name	Designation
165	Dr. Ranjit Thapa	Professor & HOD
166	Dr. Goutam Kumar Dalapati	Associate Professor
167	Dr. Vivek Kumar Anand	Associate Professor (until Nov. 2019)
168	Dr. Sabyasachi Mukhopadhyay	Assistant Professor
169	Dr. Jatis Kumar Dash	Assistant Professor
170	Dr. Gangi Reddy Salla	Assistant Professor
171	Dr. Pranab Mandal	Assistant Professor
172	Dr. Laxmi Narayana Patro	Assistant Professor
173	Dr. Mallikarjuna Rao Motapothula	Assistant Professor
174	Dr. Soumyajyoti Biswas	Assistant Professor
175	Dr. Siddhartha Ghosh	Assistant Professor

Physics – Supportive Staff

Sl. No.	Name	Designation
176	Ms. Gowri Maganti	Lab Assistant (Non-Academic, Resigned)
177	Ms. Divya Battu	Lab Assistant (Non-Academic)
178	Mr. Suresh Suragani	Lab Assistant (Non-Academic)

Psychology - Faculty

Sl. No.	Name	Designation
179	Dr. Salome Divya Joseph	Assistant Professor
180	Ms. Ayesha Parveen	Lecturer

School of Management - Faculty

Sl. No.	Name	Designation
181	Mr. Ramesh Kumar Jain	Visiting Faculty

Others

Sl. No.	Name	Designation
182	Prof. Ravikumar Bhaskaran	Consultant - Faculty Recruitment

Staff Members - Listed Department Wise (Alphabetic order)

Academic Affairs

Sl. No.	Name	Designation
1	Addhanki Ambica	Assistant Manager-Administration
2	Tati Srikanth	Junior Executive -Administration
3	Ramisetty Venkata Sai Swapna Latha	Associate
4	Shaik Idrees	Associate

Administration

Sl. No.	Name	Designation
5	Suresh D	Office Assistant
6	Ch Atchyut Kumar	Executive _ Administration
7	Upati Ravi	Co ordinator _ ALC
8	Santhi Divakarla	Senior Executive _ Administration
9	Bhogadhi Durga Bhavani	Executive _ Administration
10	Ramesh Kumar Poolla	Chief Liasion Officer
11	Krosuru Madhava rao	Executive _ Administration
12	Uggam Srikanth	Attender
13	Gorjala Suresh	Senior Executive _ Administration
14	Lakshmi Reddy M	Secretary to the Registrar

Admissions

Sl. No.	Name	Designation
15	Ch George Mayor	Executive - Marketing & Admissions
16	Kotla Satish Babu	Creative Executive _ Admission
17	Babu Vijay Krishnan	Area Manager _ Bangalore
18	Sudhir Bhan	Asst Director_Admissions & Outreach
19	Sridhar N	Business Development Manager

BPO

Sl. No	Name	Designation
20	Dominic Powell	Manager _ Engagement BPO
21	Naga Sai Dinesh Yerramsetty	Executive _ Customer Support
22	Padma Sailaja P	Executive _ Customer Support
23	Pradeep Paul Pullagoru	Sr Customer Support Executive
24	Shaik Abdul Khaja Mohiddin	Executive _ Customer Support
25	Kollipara Bhavana	Executive _ Front Office
26	Datla Radha	Executive _ Customer Support
27	Ryan Reginald Anthony Francis	Executive _ Customer Support
28	Sophi Mary Wilson	Executive _ Customer Support

Campus Life & Maintenance

Sl. No.	Name	Designation
29	Bitragunta Radha Kishore	Manager Hostel

CDC

Sl. No.	Name	Designation
30	Asghar Ahmed	Soft Skill Trainer
31	Ravindra Babu Gudapati	Trainer _ Quantitative Aptitude
32	Naresh Adapa	Trainer _ Quantitative Aptitude
33	Shaik Mohammed Musa Kaleemullah	Trainer_Verbal Ability

Corporate Relations & Career Service

Sl. No.	Name	Designation
34	Dinesh V	Manager _ IR & Placement
35	Laxmanan Angu Raju	Senior Manager
36	Sunil Gottapu	Senior Manager _ IR & Placement
37	Kapilavai Divya	Placement Executive _ Corporate Relations
38	Paluri Venkateswara Rao	Sr Manager_Practice School & Internship
39	Yogandra Mani Balan	Manager_Partnership
40	Naga Sai Ganesh Jonnalagadda	Senior Associate
41	Ms. Geetha Balasubramanian	Career Counsellor

Examination Cell

Sl No.	Name	Designation
42	Shalini Jayakumar	Senior Executive _ Examination Cell
43	Dara Raju	Senior Executive
44	Munnangi Sudhakar	Junior Associate
45	Shaik Yousuf Vali	Junior Associate

Finance and Accounts

Sl. No.	Name	Designation
46	Mr. Krishna Rajulapati	Senior Manager Accounts
47	Chunduru Anusha	Executive _ Accounts
48	THIPPARTHI SANTHI KIRAN	Executive _ Accounts & Admission
49	N V S Subrahmanyam	Executive _ Accounts

Health Center

Sl. No.	Name	Designation
50	Dr. Lakshmi Rajyam	Medical Officer

HR Department

Sl. No.	Name	Designation
51	Giri Bhavani Singh K	Senior Recruiter _ HR
52	Riaz Shaik	Lead _ HR
53	Kunapareddy Satishbabu	Sr Executive _ HR
54	Shaik Salam	Senior Executive
55	Shweta Naomy Catchik	Recruiter
56	Meer Ashkar Ali	Assistant Manager _ HR
57	T S Prabhuram	Senior Manager _ HR

ITKM

Sl. No.	Name	Designation
58	Ms. Poornima L	Manager IT Services
59	Ms. Rajalakshmi.M.S	Senior Executive – Help Desk
60	Venugopal H	Assistant Manager_IT
61	Balamurali J	Senior System Administrator
62	Hemanth Kumar K	Photo cum Videographer
63	Ratna Kumari Tamma	ERP _ Administrator
64	Putchakayala Srinivasa Rao	System Administrator _ Desk Top
65	Manoswita Dasgupta	Content Writer & Co ordinator
66	Chinta Venkata Subhakar	Web Designer
67	Samuel Giftson Rajkumar	Manager – Public Relations

68	Potluri Nithin Sai	Engineer_Desk Top Support
69	Ananya Sadhu	Content Writer
70	Shaik Mehnaaz	Associate_Help Desk Services
71	Kollu Vasudevara Karuna Yadav	Associate_Help Desk Services
72	Ms. Sunkara Chaitanya Lakshmi	Associate-Application Support
73	Mr. Pandi Ganesh Kumar K	Server Administrator
74	Mr. Shaik Allah Bakshu	Web Designer
75	Ms. Adusumalli Harika	Web Designer

Library

Sl. No.	Name	Designation
76	Kantheti Sharanu	Attender _ Library
77	Kalivelu Ramarao	Attender
78	Vistalla Ravikiran	Attender

Marketing

Sl. No.	Name	Designation
79	Sirisha Yadlapali	Executive _ Marketing Operations
80	Rahul Pearce	Manager _ Marketing
81	Raj Aryan	Asst Manager _ Digital Marketing
82	Jyothirmai Parimisetti	Executive _ Admissions & Marketing
83	Deependar Yadav	Area Manager _ Mumbai Region
84	Anupam Kumar Sinha	Area Manager_Patna

Medical

Sl. No.	Name	Designation
85	Gollapudi Hareesh	Attender
86	Gadela Lavanya	Staff Nurse

Office of the Dean

Sl. No.	Name	Designation
87	Sreelakshmi Rayala	Office Manager _ Dean Office
88	Jayashree Roul	Senior Executive_Dean Office
89	Vuyyala Swetha	Senior Executive_Dean Office
90	Rachakonda Purna Sai Kishore	Senior Executive_Dean Office
91	Vuyyala Sai Kumar	Senior Executive_Dean Office

Physical Education

Sl. No.	Name	Designation
92	Dr. Abdul Mohaimin	Assistant Director

Procurement

Sl. No.	Name	Designation
93	Rallapalli Divya	Junior Executive
94	Raavi Sai Kiran Reddy	Executive _ Purchase
95	Prem Kumar Karri	Deputy Manager
96	Naradasu Anil Kumar	Executive _ Procurement

Public Relations

Sl. No.	Name	Designation
97	Narasimha Rao V.V.L	Assistant Public Relations Officer

Store

Sl. No.	Name	Designation
98	Gannavarapu Manikanta	Store Keeper
99	Ch. Ravi Kumar	Jr Executive_Stores

Student Affairs

Sl. No.	Name	Designation
100	Udaykumar B	Deputy Warden
101	Bhaskara Prasad Y	Music Teacher
102	S. Rama Devi	Warden
103	Kaza Ganesh Babu	Dy Warden
104	Gera Nirmala Mary	Warden
105	Hartar John Benher	Gym Instructor
106	Goriparti Srinath	Deputy Warden
107	Pingili Alekhya	Junior Associate
108	Narendra Babu B	Assistant Manager_Students Affair

Teaching Learning Centre

Sl. No.	Name	Designation
109	Dr. Balaguruprasad Narayanan	Associate Professor
110	Dr. Anupama Ghattu	Associate Professor

SCHOOL OF ENGINEERING AND APPLIED SCIENCES (SEAS)

Innovative pedagogy to impart quality education

Schools & Degree Programs

The University offers its academic programmes under two schools

1) School of Engineering and Applied Sciences (SEAS) offers B.Tech. and Ph.D. degree programmes across five engineering departments.

1. School of Engineering and Applied Sciences (SEAS)

B.Tech., Bachelor of Technology (four years)

- Civil Engineering
- Computer Science and Engineering
- Electronics and Communications Engineering
- Electrical and Electronics Engineering
- Mechanical Engineering

Ph.D.

- Civil Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Mechanical Engineering

Academic Departments

Department of Computer Science and Engineering (CSE)

The Department of Computer Science and Engineering offers B.Tech and Ph.D. degree programmes. The curriculum of these programmes covers the topics related to computer hardware and software. Active learning and flipped classes are the techniques followed by the faculty to improve the quality of learning of the students. The department also uses Technology-enabled platforms to teach the courses online. The department provides excellent state-of-the-art laboratory facilities to the students in order to impart quality practical training. The department provides specialization streams such as (i) Big Data Analytics (ii) Artificial Intelligence and Machine Learning (iii) Cyber Security (iv) Distributed and Cloud Computing (v) Internet of Things (IoT) for the students. Faculty and students of the department are actively engaged in research activities in the specialization streams mentioned above. Students are also given opportunities to get international exposure through the Semester Abroad Programmes. Students are provided with assistance to take up internships in the industries and institutes of eminence to get quality practical exposure. Overall, the department provides high-quality research-oriented education to the students to mould them into true professionals who are able to design their path to success in the modern technological world.

Programme	Details	Number of semester & Years of study	Credits Required
B.Tech	Computer Science and Engineering **Specialization streams:** Cyber Security, Artificial Intelligence and Machine Learning, Big Data Analytics Distributed and cloud computing, Internet of Things,	8 semesters (4 Years)	160

Ph.D.	Distributed computing, Information retrieval, Video Analytics, Software Defined Network, Computer Vision, Data Science, Wireless Sensor Network, Digital Image Processing, Cloud computing, Internet of Things, Graph theory, Artificial Intelligence, Machine learning, Health informatics	NA	NA

Department of Electronics and Communication Engineering (ECE)

Electronics and Communication Engineering is a fast-evolving discipline under the division of electrical sciences. The primary objective of the Department of Electronics and Communication Engineering has been to impart quality technical education to the students. Currently, the department has a strength of around 440 students guided by a team of 21 devoted and diligent staff members. The department is proud of the modernised and pragmatic education conferred to students which aids to confront the challenges of the fast-changing corporate and technical world. To keep pace with the ongoing technological advancements, the department further supports the students with additional tutorials, tech-talks, workshops, so that the students can have the holistic development to be best suited in the tech-world.

Program Name	Details	Number of semester & Years of study	Credits required
B. Tech	Electronics and Communication Engineering	8 semesters (4 Years)	155
Ph. D	VLSI design, Image processing, Signal processing, Next generation Communication, Battery management systems, RF ICs and Antenna design, Integrated Photonics…	----	

Department of Electrical and Electronics Engineering (EEE)

Electrical and Electronics Engineering (EEE) is a continually evolving discipline and one of the most sought after core engineering fields. It comprises interdisciplinary courses from Physics, Mathematics, Computer Science, Communication Engineering and Mechanical Engineering, in addition to the subjects from both Electrical and Electronics Engineering. The Department of Electrical and Electronics Engineering at SRM University-AP, Andhra Pradesh has been at the forefront of teaching and

research since its inception in 2018. At present, the Department offers the Under-Graduate programme (B.Tech.-EEE) and Doctoral Research programme (Ph.D.) in the various specialized areas of Electrical and Electronics Engineering. The Department has a rich blend of young and highly experienced regular and distinguished visiting faculty members, all holding Ph.D. from reputed universities in India or abroad.

Program Name	Details	Number of semester & Years of study	Credits required
B. Tech	Electrical and Electronics Engineering	8 semesters (4 Years)	160
Ph. D	Control Systems, Power Systems, High Voltage Engineering, Electrical Machines and Drives, Power Electronics, Smart Grid Technologies.	----	

Department of Mechanical Engineering (ME)

Mechanical Engineering is a frontier for all other streams of engineering. The Department of Mechanical Engineering is committed to providing world-class education in the various aspects of mechanical engineering. We also provide innovative solutions to basic needs of the world through advanced research by our highly qualified and experienced faculty.

Students here will be exposed to various aspects of mechanical engineering research like materials and composites; thermodynamics and fluids; dynamics and control; advanced manufacturing etc. The department offers B.Tech and Ph.D. programmes in the field of mechanical engineering. The curriculum includes industrial internships and hands-on training through our well-equipped laboratories like engineering workshop, strength of materials lab, material science lab, heat transfer lab, kinematics and mechanism lab, machine design lab, thermodynamics lab, 3D printing lab, production technology lab, fluid mechanics lab, fluid machinery lab, dynamics and control lab, measurements and instrumentation lab etc. The department also has an advanced computational lab where advanced tools like Ansys, Solidworks and Matlab are available for students to use. The department is also focussing on the interdisciplinary research through collaboration with other departments, industries and universities within India and abroad. We believe that interdisciplinary research through collaborations is the only way to go forward in the fast-changing world, a key to future scientific breakthrough lies in interdisciplinary research. This course will invite job opportunities from different industries like Aviation, Automotive, Healthcare, Oil and Gas, Energy, Transportation, Automation and Design/Simulation

and also government sector like DRDO, ISRO, BHEL, SAIL etc. We also provide personalised guidance for students interested in going abroad for M.S./Ph.D.

Program name	Details	Number of semester & Years of study	Credits required
B. Tech	Mechanical Engineering **Specializations:** Robotics, Additive Manufacturing	8 semesters (4 Years)	160
Ph. D	Composites Structures, Materials, Nanotechnology, Computational Fluid Dynamics, Numerical Modeling, Additive Manufacturing		

Department of Civil Engineering (CIVIL)

The Department of Civil Engineering offers B.Tech and Ph.D. degree programmes. The curriculum of these programmes covers the topics related to design and practical implementation in real-time conditions. Active learning is the pedagogy followed by the faculty to improve the quality of learning of the students. The department also used technology-enabled platforms to teach programming and algorithm subjects efficiently. The department provides excellent state of the art laboratory facilities to the students in order to impart quality practical training. The department provides specialization streams such as (i) Structural Engineering (ii) Geotechnical Engineering (iii) Transportation Engineering (iv) Water Resources Engineering (v) Environmental Engineering, for the students. Faculty and students of the department are actively engaged in research activities. Students are also given opportunities to get international exposure through a semester abroad programme. Students are provided with adequate assistance to take up internships in the industries and institutes of eminence to get quality practical exposure. The department operates with an aim to provide high-quality research-oriented education to the students in order to make them successful in the contemporary corporate world.

Program name	Details	Number of semester & Years of study	Credits required
B.Tech	Civil Engineering **Specialization streams:** Structural Engineering Geotechnical Engineering Transportation Engineering Water Resources Engineering Environmental Engineering	8 semesters (4 Years)	160
Ph.D.	Structural Engineering Geotechnical Engineering Transportation Engineering Water Resources Engineering Environmental Engineering	NA	NA

Contributed Talks and Poster Presentations

Sl. No.	Faculty Member Name	Name of the conferences/seminars/workshops/ events	Dates
1	Dr. Prakash Jadhav	Webinar on Patents and Intellectual property rights, Presenter	June 10, 2020
2	Dr. Prakash Jadhav	Webinar on Mechanical Engineering at SRM AP, Presenter	June 3, 2020
3	Dr. G. S. Vinod Kumar	Webinar on Post Covid19: Resurgence of Indian Industry and R &D, 2nd Moderator & Organizer.	May 15, 2020
4	Dr. G. S. Vinod Kumar	Webinar on Post Covid 19: Science & Technology, Organizer	May 29, 2020

5	Dr. Venkata Nori	Webinar on Post Covid19: Resurgance of Indian Industry and R &D, Program Committee	May 15, 2020
6	Dr. Venkata Nori	Webinar on Post Covid 19: Science & Technology, Program Committee	May 29, 2020
7	Dr. Jayaprakash Sharma	Webinar on EOS Additive Manufacturing Solution for Academia, Organizer	Wed Jun 10, 2020
8	Dr. G. S. Vinod Kumar	Industry Academia Summit, Convener	20-21 Feb - 2020
9	Dr. Surfarazhussain S Halkarni	Industry Academia Summit, Co-Convener	20-21 Feb - 2020
10	Dr. Venkata Nori	Industry Academia Summit, Program Committee	20-21 Feb - 2020
11	Dr. Venkata Nori	UAV Workshop, Convener	Jan 3-5, 2020
12	Dr. G. S. Vinod Kumar	Research Day 2019, Co-Convener	31st January 2020
13	Dr. G. S. Vinod Kumar	ACCMS-ICMG- 2020, Organizing committee member	February 2020
14	Dr. Jayaprakash Sharma	Industry Academia Summit, Co-Convener	20-21 Feb - 2020
15	Dr. Jayaprakash Sharma	UAV Workshop, C0-Convenor	Jan 3-5, 2020
16	Dr. Satya Pramod Jammy	ACCMS-ICMG- 2020, Co-Convener	Feb 2020
17	Dr.Jatindra Kumar Dash	Medical Image Analysis at Narasaraopet Engineering College (Autonomous), AICTE Sponsored Faculty Development Program on Emerging Trends in Machine Learning for Biomedical Application	30.07.2019
18	Dr.Jatindra Kumar Dash	Machine Learning for Biomedical Application at Narasaraopet Engineering College (Autonomous), AICTE Sponsored Faculty Development Program on Emerging Trends in Machine Learning for Biomedical Application	30.07.2019

19	Dr. Jatindra Kumar Dash	Machine Learning using Python at C.V. Raman Global University Bhubaneswar	02-03-2020 to 03-03-2020
20	Dr. Jatindra Kumar Dash	Workshop on Machine Learning Techniques At SRM Institute of Science and Technology, Chennai	30.09.2019 03.10.2019 (4 days)
21	Dr. Manjula R	Invited talk on "Why Join IEEE?" In IEEE Annual General Meeting 2020 and Orientation Program, organized by Ballari Institute of Technology and Management, Ballari.	22.02.2020
22	Dr. Sandeep Singh Sengar	Organized a workshop on Deep Learning-based Computer Vision and its Applications at SRMAP and also delivered a speech.	19-06-2020 to 20-06-2020
23	Dr. Sandeep Singh Sengar	Delivered an expert talk in a FDP titled Applications on Machine Learning and Deep Learning, at Raj Kumar Goel Institute of Technology, Ghaziabad, UP.	24-06-2020 to 28-06-2020
24	Dr. Sandeep Singh Sengar	Delivered an International Webinar on Robot Intelligence Technology & Applications (iRobot-2020)	18-06-2020 to 20-06-2020
25	Dr. Sandeep Singh Sengar	Delivered expert talk on "Digital Image/Video Processing and its Applications" at Institute of Information Technology and Management, Janakpuri, New Delhi.	10-06-2020

Awards and Honours

Sl. No.	Faculty Member Name	Name of the Award/Honor
26	Dr. Tousif Khan N	APJ Abdul Kalam Memorial International Travel Award by the Automatic Control and Dynamic Optimization Society (ACDOS) chaired by Professor Ravi Gudi of Indian Institute of Technology Bombay.
27	Dr. Sandeep Singh Sengar	1.Bentham Science Brand Ambassador 2. Editorial Board Member of "International Journal of Advancements in Engineering and Technology" 3. Organized special session: Session Title: Emerging trends in Machine Learning and its Applications, Conference: 2nd IEEE International Conference on Emerging Smart Computing and Informatics, Pune, India, March 2020 4.Committee Member of IRFSR, an International Research Forum for Scientific Research 5. TPC member of several international conferences
28	Dr. Sujith Kalluri	Elected as Life Member of Institution of Electronics and Telecommunication Engineers
29	Dr. Manjula R	Jan 2020: **Outstanding Large Chapter** award presented to WiE Affinity Group, in recognition of the outstanding contribution to the IEEE Bangalore Section in the year 2019. Presented by IEEE Bangalored Section during AGM 2019. (***Group award***).
30	Dr. Manjula R	Jan 2020: **Best Volunteer – GOLD** award for outstanding contribution to IEEE Women in Engineering (WiE) Affinity Group, Bangalore Section during the year 2019, presented by IEEE WiE Affinity Group, Bangalore Section.
31	Dr. Manjula R	Jan 2020: Received **Outstanding Medium Student Branch Counselor** award during AGM'20, organized by IEEE Bangalore Section
32	Dr. Sriramulu Bojjagani	A cash prize award of ₹25000 for the IDRBT annual awards 2019 for the research article entitled "A Secure end-to-end Proximity NFC-based Mobile Payment Protocol".

National and International Visits

Sl. No	Faculty Member Name	Countries of visit	Dates	Purpose	Other details
1	Dr. Sandeep Singh Sengar	Greece	May 23-27, 2019	To attend and present research paper in conference	
2	Dr. Murali Krishna Enduri	IIT Madras	20-05-2019 to 30-05-2019	Research Work	
3	Dr. Ashok Kumar Pradhan	IIT Tirupati	13-09-2019-14-09-2019	Project work	
4	Dr. Manikandan V M	ISI Kolkata	24-06-2020-26-06-2020	FDP Conducted by TCS	
5	Dr. Prakash Jadhav	United States of America	Jan 11-26, 2020	Entrepreneurship boot camp	UC Berkeley
6	Dr. Prakash Jadhav	Korea	Jan 9-11, 2020	Paper Presenter	International Conference
7	Dr. Jayaprakash Sharma	United States of America	Jan 11-26, 2020	Design boot camp	UC Berkeley

Institutional and Industrial Visits

Sl. No.	Faculty Member Name	Name of the Institute	Date & Purpose
1	Dr. Amit K Mandal	Dr. Anirban Sarkar National Institute of Technology Durgapur	12-12-2019 Research Presentation
2	Dr. Amit K Mandal	Dr. Nabendu Chaki University of Calcutta	16-12-2019 Research Presentation
3	Dr. Tousif Khan	IIT Delhi	July 25 to July 28 , 2019 Departmental Laboratory Development
4	Dr. Tousif Khan	IIT Hyderabad	July 2 to July 4 , 2019 Departmental Laboratory Development
5	Dr. Tousif Khan	GVP College of Engineering , Vishakhapatnam	August 20 to August , 2019 Departmental Laboratory Development
6	Dr. Somesh Vinayak Tewari	IIT Delhi	July 25 to July 28 , 2019 Departmental Laboratory Development
7	Dr. Somesh Vinayak Tewari	IIT Hyderabad	July 2 to July 4 , 2019 Departmental Laboratory Development
8	Dr. Somesh Vinayak Tewari	GVP College of Engineering, Vishakhapatnam	August 20 to August , 2019 Departmental Laboratory Development

Invited Lectures

Sl. No.	Name of the delegate & affiliation	Topic	Details / Date (s)
1	Dr. Lakshmi Sirisha Maganti	Role of ANSYS in Academic Innovations-	13 September 2019, Vijayawada
2	Dr. Jayaprakash Sharma	Vijayawada Role of 3D Printing in Healthcare- National Seminar	7 February 2020

Fellowships of Academia and membership in Professional Bodies

Sl. No.	Faculty name	Awards/Professional society name
1	Prof. D. Narayana Rao	FNA, FNASC
2	Prof. C. Durga Rao	FNA, FNASC
3	Prof. M. Jayaseelan	ISHAM Medical Phycology : Protothecosis and Chlorellosis Working Group (ISHAM-MPWG) member
4	Dr. Jatindra Kumar Dash Dr Shuvendu Rana	Member (National Science Congress) IEEE Member
5	Dr. Ashu Abdul	IEEE Member
6	Dr. Manikandan V. M.	Associate Member of the Institution of Engineers (India) ACM Member
7	Dr. Manjula R	IEEE Member & IEEE Women in Engineering Member. (Senior Member, IEEE)
8	Dr.Jaya Lakshmi T	CSI (Life): 00175108 ACM (Annual): 2898134
9	Dr. B Ramachandra Reddy	ACM Member

10	Dr. Murali Krishna Enduri	ACM Member
11	Dr. Diwakar Tripathi	Associate Member in IETE
12	Dr. Dinesh Reddy V	Member of Board of Studies - UIE - CSE & IT Members constitution (2020-22), Chandigarh University. Professional member The IRED Member International Association of Engineers Memeber IUCEE
13	Dr Sujith Kalluri	IETE Life member
14	Dr Udaya Sankar	IEEE Senior member
15	Dr. Om Jee Pandey	IEEE Member
16	Dr Karthikeyan E	IEEE Member
17	Dr. Prakash Jadhav	AMSE SEM ASC ISTE
18	Dr. Vinod Kumar	IIM ASM IWS ISCA
19	Dr. Venkata Nori	Combustion Institute India Section
20	Dr. Tousif Khan N	Member, Automatic Control and Dynamic Optimization Society (ACDOS)
21	Dr. Tousif Khan N	IFAC Affiliate
22	Dr. Tousif Khan N	Indian Science Congress Associationship
23	Dr. Somesh Vinayak Tewari	IEEE Membership
24	Dr. Somesh Vinayak Tewari	ACDOS Member
25	Dr. Somesh Vinayak Tewari	Indian Science Congress Associationship
26	Dr. Shubh Lakshmi	IEEE Membership

27	Dr. Shubh Lakshmi	1. IEEE Power and Energy Society Membership
28	Dr. Shubh Lakshmi	1. IEEE Women in Engineering Membership
29	Dr. Shubh Lakshmi	1. Member of IEEE Smart Grid Community

Popular Talks, Radio, TV and Internet based (May 2018-May 2019)

Sl. No.	Faculty Member Name	Details
1	Dr. Jayaprakash Sharma	Explaining about 3D Printing lab at SRM AP and our students experience in 3D Printing Lab Youtube link: https://www.youtube.com/watch?v=ovg8Bu1U9iQ&feature=youtu.be

News-Papers reports (May 2018-May 2019)

Sl. No.	Faculty Name	Details
1	Dr. Manikandan V. M	Name appeared in the IEI Epitome (A monthly e-Newsletter by The Institution of Engineers India.
2	Dr. Jayaprakash Sharma	Design of low cost face shield for protection from Covid 19 (Covered more than 20 NEWS papers)
3	Dr. Tousif Khan N	Coverage related to APJ Abdul Kalam Memorial International Travel Award published in leading Telgu and English newspapers.

Journal reviewers

Sl. No	Faculty Member Name	Journal/articles reviewed
1	Dr. Sandeep Singh Sengar	IEEE Transactions on Systems, Man and Cybernetics: Systems (IEEE) Pattern Recognition (ELSEVIER) Neurocomputing (ELSEVIER) Geoscience and Remote Sensing Letters (IEEE) The Journal of Electronic Imaging (SPIE) Optik: International Journal for Light and Electron Optics (ELSEVIER) International Journal of Computer Systems Science & Engineering (CRL) Journal of Computational Methods in Sciences and Engineering (IOS PRESS) Recent Patents on Computer Science International Journal of Electrical and Computer Engineering Indonesian Journal of Electrical Engineering and Computer Science
2	Dr. Satish Anamalamudi	IEEE Systems Journal. IEEE Canadian Journal of Electrical and Computer Engineering. KSII Transactions on Internet and Information Systems. Physical Comunications- Elsevier Wireless Personal Communications-Springer IEEE-ICUFN IEEE-SPAWC ICBDCC2017
3	Dr. A. Vadivel	JEI, SPIE SN Applied Sciences, Springer Optical Engineering, SPIE
4	Dr. T. Ragunathan	IEEE International conference, Tencon 2019, Data Science and Engineering Track
5	Dr. Shuvendu Rana	IEEE Transaction on Image processing IEEE transaction on Multimedia, ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM) Elsevier biocybernetics and biomedical engineering IEEE Access Multimedia Tools and Applications Multimedia systems Elsevier Digital signal processing Elsevier Pattern recognition Elsevier information systems

6	Dr. Sobin C C	IEEE Access Computer Communications International Journal of Communication Systems
7	Dr. Manjula R	Computer Communications Journal, Elseiver. IEEE Sensors Letters. IET Science, Measurement & Technology. Journal of Information Technology. IETE Technical Review. Journal of Internet Technology. Subject Matter Expert (SME) reviewer for ISACA's Privacy Principles
8	Dr. Ashu Abdul	IEEE Access IEEE IOT Journal Soft Computing, Springer
9	Dr. Dinesh Reddy V	Concurrency and Computation: Practice and Experience, Frontiers of Information Technology & Electronic Engineering, Springer Sadhana, Springer International Journal of Engineering Research & Technology Soft Computing, Springer
10	Dr. Manikandan V M	Reviewer of ISA Transactions
11	Dr. B Ramachandra Reddy	International Journal of Systems Assurance Engineering and Management (IJSA), Springer
12	Dr. Diwakar Tripathi	Journal of Intelligent System IEEE Access Future generation Computer Systems ACM Transaction on Computing for healthcare
13	Dr. Amit Kr Mandal	Journal of the Brazilian Computer Society, Springer FSDM 2020
14	Dr Ashok Pradhan	IEEE ACCESS Optical Switching and Networks
15	Dr. Sreenivasulu Tupakula	Journal of Lightwave Technology (Optical Society of America (OSA))
16	Dr. Om Jee Pandey	IEEE Transactions on Wireless Communications IEEE Transactions on Network and Service Management IEEE Access IEEE Internet of Things

17	Dr. Tousif Khan N	Associate Editor – IAES International Journal of Robotics and Automation, Malaysia Associate Editor- Asian Control Conference, Japan Frontiers in Neuroscience, Switzerland IEEE Transaction on Industrial Electronics, USA ISA Transactions, USA International Journal of Dynamics and Control, Switzerland
18	Dr. Somesh Vinayak Tewari	IEEE Transactions on Plasma Science
19	Dr. Shubh Lakshmi	IEEE Transactions on Power Systems
20	Dr. Bhamidi Lokeshgupta	IET Generation, Transmission & Distribution. International Journal of Electrical Power & Energy
21	Dr. V. Sateeshkrishna Dhuli	IET Communications IEEE Access IEEE Systems Journal
22	Dr. Shubh Lakshmi	IEEE Transactions on Power Systems
23	Dr. Tousif Khan N	Frontiers in Neuroscience, Switzerland IAES International Journal of Robotics and Automation IAES International Journal of Artificial Intelligence Journal of Vibration and Control IEEE Transactions on Circuits and Systems I: Regular Papers IEEE Transactions on Neural Networks and Learning Systems ISA Transactions
24	Dr. Somesh Vinayak Tewari	IEEE Transactions on Plasma Science

Other activities

1. Celebration of International Women's Week 2020- Poster Display across the university campus, March 3-8, 2020.
2. Guest Lecture by Prof Rakesh Batabyal from the Centre for Media Studies, Jawaharlal Nehru University, Oct 3, 2019.
3. Academic Symposia on the Occasion of the 150th Birth Anniversary of Mahatma Gandhi, Oct 2, 2019.
4. Student interaction with Prof. Bodh Prakash from School of Letters Dr. B.R Ambedkar University, Delhi, Feb 2, 2019.

Academic activities: Students

Semester Abroad Program

Enriching experience through Semester Abroad Programme

"SRM University-AP encourages and supports its students to go for the Semester Abroad program (SAP) by providing financial support. We have collaboration with world's finest universities like University of California Berkeley, University of Wisconsin-Madison, Asia University-Taiwan for SAP where students get opportunity to showcase their talent and knowledge imbibed at SRM University-AP in a highly competitive environment. SAP influences the perspectives, personalities, and academic life of the students positively. From enhancing global networks to experiencing a new culture, it can be a life-changing experience for students. With the great vision of producing world leaders at SRM University-AP, 23 students have gone for SAP from CSE department in the very first three years of its journey (20 students to University of California Berkeley with full financial support and 3 students to University of Wisconsin-Madison)."

Sl. No.	Name of the student	Department	University
1	Saptarshi Mazumder	CSE	University of California Berkeley
2	Koushik Bhargav M	CSE	
3	Rajarshi Mazumder	CSE	
4	Sarvesh Shroff	CSE	
5	Saurabh Ghanekar	CSE	
6	Miran Tafazzul Hussain Junaidi	CSE	
7	Fahad Kamraan Syed	CSE	
8	Shubham Rao	CSE	
9	Sri Ritika Katragadda	CSE	
10	Mohammed Nilofer Sultana	CSE	
11	Sajan Kumar	CSE	
12	Sai Rishvanth Katragadda	CSE	
13	Adusumalli Padma Teja	CSE	
14	Jahangir Abbas Mohammed	CSE	
15	Jaideep Cherukuri	CSE	
16	Sayed Abrar	CSE	
17	Aayusi Biswas	CSE	
18	Pushya Mitra Kollipara	CSE	
19	Tuhin Sarkar	CSE	
20	Vatsal Rathod	CSE	
21	Mr Agniswar paul	ECE	
22	Ms Nafisa	ECE	
23	Gude Abhin	CSE	University of Wisconsin-Madison
24	N.V.M.K. Chaitanya Kotcherlakota	CSE	
25	Garipelly Vyshnavi	CSE	
26	Nikhil Chakravarthy	ECE	
27	Yoganand	ECE	

Internships and trainings

Sl. No.	Name of the student	Department & Section	Details	Duration & dates
1.	Koffi Kouadio Ange Wilfried	CSE B	AISEC	01.05.2019
2.	Manyea Gafaru zakaria	CSE B	AISEC	01.05.2019
3.	Saurav Raj	CSE A	Archimaze info PvT. Ltd	07.05.2019
4.	putti Yamini	CSE A	Aspire vision Tech	04.05.2019
5.	Alluri Harika	CSE A	Aspire vision Tech	04.05.2019
6.	Chinnam Sravani	CSE A	Aspire vision Tech	04.05.2019
7.	Kolluru Rohini Naga Priya	CSE A	Aspire vision Tech	04.05.2019
8.	Thavva Sampath Kumar	CSE B	Bannett University	04.05.2019
9.	Potluri Komal Venkat Satyanagaraja Chowdary	CSE B	Bannett University	04.05.2019
10.	Makkena Alekhya	CSE B	Bannett University	04.05.2019
11.	Rampati Venkat Tarun	CSE B	BHEL	07.05.2019
12.	Thavva Sampath Kumar	CSE B	BHEL	07.05.2019
13.	Somarouthu Srikanth	CSE B	BHEL	07.05.2019
14.	Venkat Sai Nikhilesh	CSE B	BHEL	07.05.2019
15.	Jonnalagadda Noyal	CSE B	BHEL	07.05.2019
16.	Bodavula Prudhvi Krishna	CSE A	CCC Digital	15.05.2019
17.	Gottipati Vamsi Krishna	CSE A	CCC Digital	15.05.2019
18.	Garikapati Chaytavya Anantha Sairam	CSE A	CCC Digital	15.05.2019
19.	Raavi Manoj Chowdary	CSE A	CCC Digital	15.05.2019
20.	Mallineni Sai Teja	CSE B	CCC Digital	15.05.2019
21.	Raghupathruni Pavan Krishna	CSE A	Colosseum Group	04.05.2019
22.	Muvva Sahithya Priya	CSE A	Colosseum Group	04.05.2019
23.	G Akhileshwar Reddy	CSE A	Colosseum Group	04.05.2019
24.	Jakkula Jairaj Yadav	CSE B	Colosseum Group	04.05.2019
25.	Sangonda Surya	CSE B	Colosseum Group	04.05.2019
26.	Voleti Sri Lakshmi Priyanka	CSE B	Colosseum Group	04.05.2019
27.	Ramya Ambati	CSE A	DATA READY	04.05.2019
28.	Shivani Reddy k	CSE A	DATA READY	04.05.2019
29.	Athota Sireesha	CSE A	DATA READY	04.05.2019
30.	Nagothi Hemasai	CSE A	Disruptive Soft	12.05.2019
31.	Perla Ranga Radha Krishna	CSE A	Disruptive Soft	12.05.2019

32.	Syed Humayra	CSE A	Disruptive Soft	12.05.2019
33.	Doddi Chandra Pydikumar	CSE B	Disruptive Soft	12.05.2019
34.	Chattala Vasundhara	CSE B	Disruptive Soft	12.05.2019
35.	Pullela Madhusri	CSE B	Disruptive Soft	12.05.2019
36.	Chinnam Sravani	CSE A	DOERS	1.05.2019
37.	Aakanksha chouhan	CSE A	DOERS	1.05.2019
38.	Jay Prakash Gupta	CSE B	DOERS TECH	1.05.2019
39.	Gavrav Dhal	CSE B	ECIL	08.05.2019
40.	Dodda Jashwanth Reddy	CSE A	EFFTRONICS	04.05.2019
41.	Yelisetty Srivarsha	CSE B	EFFTRONICS	04.05.2019
42.	Pudi Jahnavi	CSE B	Fluentgrid	1.05.2019
43.	Popuri Naga sai sathvika	CSE B	Fluentgrid	1.05.2019
44.	Dabburi Deepika	CSE A	GSPANN Technologies	1.05.2019
45.	Bhaskarani Sharath Chandra Kumar	CSE A	Innogeecks	05.05.2019
46.	Wuppukonduru Siva Sai Aishwarya	CSE A	Innogeecks	05.05.2019
47.	Gumadavelly Ramya	CSE A	Innogeecks	05.05.2019
48.	Sajan Kumar	CSE B	Innogeecks	05.05.2019
49.	Boppana Pavan Teja	CSE B	Innogeecks	05.05.2019
50.	Mohan Vamsi Sajja	CSE B	Innogeecks	05.05.2019
51.	Garipelly Vyshnavi	CSE B	Innogeecks	05.05.2019
52.	Mulla Dasthagiri Mallik	CSE B	Innogeecks	05.05.2019
53.	Bijay Adhikari	CSE B	Innogeecks	05.05.2019
54.	Ashutosh singh	CSE B	Innogeecks	05.05.2019
55.	Jay Prakash Gupta	CSE B	Innogeecks	05.05.2019
56.	Julius Mwita Chacha	CSE B	Innogeecks	05.05.2019
57.	Kommineni Jagadeesh Chowdary	CSE A	Innogeecks	05.05.2019
58.	Sai Rishvanth K	CSE A	Innogeecks	05.05.2019
59.	Talari Hrisheekesh	CSE A	Innogeecks	05.05.2019
60.	NVMK Chaitanya Kotcherlakota	CSE A	Innogeecks	05.05.2019
61.	Samanthapudi Manoj Varma	CSE A	Innogeecks	05.05.2019
62.	Nagamlla Venkata Sai Nikhith	CSE A	Innogeecks	05.05.2019
63.	Kopuri Vamsi Krishna	CSE A	Innogeecks	05.05.2019
64.	Gude Abhin	CSE A	Innogeecks	05.05.2019

65.	Vejju Rahul Siva Satya Sai	CSE A	Innogeecks	05.05.2019
66.	G Adarsh	CSE A	Innogeecks	05.05.2019
67.	Tavidisetty Rajendra Sri Harsha	CSE A	Innogeecks	05.05.2019
68.	Alluri Harika	CSE A	Innogeecks	05.05.2019
69.	Kamal Gude	CSE A	IPACS, HYDERABAD	43592
70.	Yadamakanti Sai Sashikanth Reddy	CSE A	ITC, BHADRACHALAM	43588
71.	Chinnam Ajay Sugandh	CSE A	KAAR Tech	01.05.2019
72.	Kovur sai sruthi	CSE A	KAAR Tech	01.05.2019
73.	Muddana Harini	CSE B	Make my clinic	07.05.2019
74.	Rakus Rimal	CSE B	Nepal Telecom	43588
75.	Cyrus Maharajan	CSE B	Nepal Telecom	43588
76.	Ashim Chaudhary	CSE B	Nepal Telecom	43588
77.	Srijeet Man tamarkar	CSE B	New IT Venture Corporation Limited	43592
78.	Vatsal Rathod	CSE A	Nimblebox.ai	07.05.2019
79.	Aayusi Biswas	CSE B	Nimblebox.ai	07.05.2019
80.	Tuhin Sarkar	CSE B	Nimblebox.ai	07.05.2019
81.	Sajan Kumar	CSE A	Nimblebox.ai	07.05.2019
82.	Ega Jahnavi Reddy	CSE B	Robic Rufarm	01.05.2019
83.	Adusumalli Padma Teja	CSE B	Robic Rufarm	01.05.2019
84.	Kazi Nahidul Rashid	CSE B	Robic Rufarm	01.05.2019
85.	Yallammagari Rachakada Poojith Reddy	CSE A	Shakthi Tech	01.05.2019
86.	Ganji Harikrishna	CSE A	Shakthi Tech	01.05.2019
87.	Markapuram Havish Madhav	CSE A	Shakthi Tech	01.05.2019
88.	Suryakari Sreekanth Rao	CSE A	Shakthi Tech	01.05.2019
89.	Polavarapu Guna Charan	CSE A	Shakthi Tech	01.05.2019
90.	Marri Mahendra	CSE A	Shakthi Tech	01.05.2019
91.	Parsa Phanindra	CSE B	Shakthi Tech	01.05.2019
92.	Yenuganti Chaithanya Praveen	CSE B	Shakthi Tech	01.05.2019
93.	Akiri Anil Kumar	CSE B	Shakthi Tech	01.05.2019
94.	Gavrav Dhal	CSE B	Shakthi Tech	01.05.2019
95.	Yenuganti Chaithanya Praveen	CSE B	Signer Tech Solutions	01.05.2019

96.	Anne Sai Akhil	CSE A	Signer Tech Solutions	01.05.2019
97.	Kambampati Aravind Babu	CSE A	Signer Tech Solutions	01.05.2019
98.	Athota Siva Krishna	CSE A	Signer Tech Solutions	01.05.2019
99.	Garaga lalithya Krishna	CSE A	Signer Tech Solutions	01.05.2019
100.	Neelakantam Poorna Venkat	CSE A	Signer Tech Solutions	01.05.2019
101.	Ravula Ruthvick	CSE A	Signer Tech Solutions	01.05.2019
102.	Paladugu Prudhvi Krishna	CSE B	Signer Tech Solutions	01.05.2019
103.	Kalyanapu Sai Teja	CSE B	Signer Tech Solutions	01.05.2019
104.	Chaparala Tharun	CSE B	Signer Tech Solutions	01.05.2019
105.	Danthuluri Aditya Varma	CSE B	Signer Tech Solutions	01.05.2019
106.	Kurra Vishnu Teja	CSE A	SYMBIOSIS TECHNOLOGIES	07.05.2019
107.	Venkata Sai Ganesh Kamisetty	CSE A	SYMBIOSIS TECHNOLOGIES	07.05.2019
108.	Venkata Krishna Sunkara	CSE A	TI cycles of india	09.05.2019
109.	Koya Venkat Sai Vara Prasad	CSE B	TI cycles of india	09.05.2019
110.	Aaditya Jain	CSE A	TTC, NEW DELHI	43590
111.	Sai Tanmayi Pesala	CSE A	Unschool	04.05.2019
112.	Kattamuri Sai Krishna Rohith	CSE A	Unschool	04.05.2019
113.	Vemuru Thiru Srinivasa Teja	CSE A	Unschool	04.05.2019
114.	Nvmk Chaitanya Kotcherlakota	CSE A	Unschool	04.05.2019
115.	Samanthapudi Manoj Varma	CSE A	Unschool	04.05.2019
116.	Samudrala Vineet	CSE A	Unschool	04.05.2019
117.	Yegireddy Deepak Sri Sai Krishna	CSE B	Unschool	04.05.2019
118.	Khushboo Maheshwari	CSE B	Unschool	04.05.2019
119.	Nagam Madhavi	CSE A	Verzeo	04.05.2019
120.	Neha Nimmagadda	CSE B	VN Careeer solutions	07.05.2019

121.	Posani Lakshmi Supraja	CSE B	VN Careeer solutions	07.05.2019
122.	Pranava Bharadwaj	ECE	APSSDC	30 days-17th June 2020 to 16th July 2020
123.	Y. Jaswanth babu	ECE	Embedded systems (APSSDC)	30 days-015th June 2020 to 22 July 2020
124.	B Sharmila Sonal	ECE	Andhra Pradesh State Skill Development Corporation (APSSDC) - Summer Internship Programme on Embedded Systems	30 days-15th June 2020 to 14th July 2020
125.	Ahmad suhail	ECE	ECIL	30 days-1st June 2019 to 1st July 2019
126.	D.Benyamin	ECE	BSNK	28 days-02rd May 2019 to 04th June 2019
127.	Ch Shiva prasad	ECE	FLEXTRONICS	53 days-07th May 2019 to 30th June 2019
128.	Chukka sravya	ECE	Flextronics company	50 days-09th May 2019 to 29th June 2019

129.	Ginjupally Himabindu	ECE	Inplant training	52 days-08th May 2019 to 28th June 2019
130.	Gonuguntla.VasanthaLakshmi	ECE	EFFTRONICS-Vijayawada. Testing of PCB boards which are used in project security brand Project. Testing of route signal lamps, MLRI and A-Marker which are railway products	28 days-06th May 2019 to 04th June 2019
131.	Bhupathiraju Akanksha Sahtya	ECE	ECIL-Hyderabad	30 days-16th May 2019 to 06th June 2019
132.	Thummala Panchajanya	ECE	APSSDC	30 days-15th June 2020 to 15th July 2020
133.	Jayasri Veeravilli	ECE	Electronics Corporation of India Limited (ECIL), Hyderabad	30 days-13th May 2019 to 14th June 2019
134.	V.Manideepak	ECE	PCB DESIGN by APSSDC	15 days-13th June 2020 to 28th June 2020

135.	Govindu Surya Sindhu	ECE	Robic Rufarm India Pvt.Ltd in UI/UX designing and worked on a live project for calculation of pH and DO-2019.	45 days-01st May 2019 to 15th June 2019
136.	Kaushik sai avula	ECE	APSSDC	30 days-15th June 2020 to 15th July 2020
137.	Aneek Banerjee	ECE	Clever Simulation Entertainment, KAMK, Finland	98 days-01st May 2019 to 06th Aug 2019
138.	Pulivarthi jithendra	ECE	DRDL (DRDO)	30 days-09th Dec 2019 to 10th Jan 2020
139.	Aneek Banerjee	ECE	Distinctive GMP LLP	60 days-01st Feb 2020 to 31st March 2020
140.	R.Akshaykumar	ECE	Hindustan Coca-Cola. Beverages Pvt. Ltd.	60 days-02nd May 2019 to 01st July 2019
141.	Sai Sujith	ECE	Hindustan Coco-Cola Beverages Pvt.Ltd	60 days-10th June 2019 to 09th July 2019

142.	B. Yoganand	ECE	Bhabha Atomic Research Centre, Visakhapatnam	38 days- 26th Aug 2019 to 06th Oct 2019
143.	ch Shiva prasad	ECE	FLEXTRONICS	54 days- 06th May 2019 to 30th June 2019
144.	Shaik Mohammed Saifuddin Ahmed	ECE	Digital marketing internship at Rc diamonds	60 days- 07th May 2020 to 07th July 2020
145.	Shaik Mohammed Saifuddin Ahmed	ECE	Embedded systems , APSSDC	30 days- 15th June 2020 to 15th July 2020
146.	B. Yoganand	ECE	Bhabha Atomic Research Centre, Visakhapatnam	38 days- 02nd May 2019 to 10th June 2019
147.	Shaik Mohammed Saifuddin Ahmed	ECE	Campus Ambassador internship Internshala	70 days- 26th May 2020 to 07th Aug 2020
148.	ch Shiva Prasad	ECE	FLEXTRONICS	60 days- 06th May 2019 to 29th June 2019
149.	P Partha Koundinya	ECE	PCB designing - Andhra Pradesh State Skill Development Corporation	12 days- 01st June 2020 to 12th June 2020

150.	K.Shyam Prasad	ECE	We Plan Solutions-Marketing	60 days-01st May 2020 to 30th June 2020
151.	K.Shyam Prasad	ECE	APSSDC-PCB Desining	15 days-15th June 2020 to 29th June 2020
152.	P.Tanmai	ECE	Verzeo	60 days-01st June 2020 to 31st July 2020
153.	Doddi Yamini Durga Pradeep	ECE	In-Plant Training in Hindustan Coca-Cola Beverages Pvt Ltd,Wada plant, Maharashtra	30 days-02nd June 2019 to 02nd July 2019
154.	Sighakolli venkata sai rama krishna	ECE	we plan solutions	61 days-01st May 2020 to 30th June 2020
155.	Sighakolli Venkata Sai rama Krishna	ECE	LUDIFU.COM	38 days-22nd March 2020 to 30th June 2020
156.	Vunnava Sai Likhita	ECE	Online summer training program on PCB designing	10 days-14th June 2020 to 25th June 2020
157.	Sameeksha Konakalla	ECE	Dirk Media Company on IoT at Nashik, Maharashtra	30 days-12th May 2019 to 12th June 2019

158.	Sameeksha konakalla	ECE	Green Pearl Education C++ Training	34 days-06th April 2020 to 10th May 2020
159.	Rayapati Triveni	ECE	Online summer training on PCB designing	10 days-15th June 2020 to 25th June 2020
160.	Swathi Yadlapalli	ECE	Internshala trainings (Machine learning using python)	42 days-20th March 2020 to 01st May 2020
161.	Srichandana Yendluri	ECE	Online summer training program on PCB designing	10 days-14th June 2020 to 25th June 2020
162.	Thummala Panchajanya	ECE	RTTC, BSNL	10 days-06th May 2019 to 17th May 2019
163.	Chintala keerthy	ECE	Online summer training program on pcb designing	10 days-14th June 2020 to 25th June 2020
164.	Chintala keerthy	ECE	Online summer training program on pcb designing	10 days-14th June 2020 to 25th June 2020

165.	Bhargavi Siddineni	ECE	Teaching Assistant Internship Critical Thinking Course	104 days-17th Jan 2020 to 30th April 2020
166.	Pulivarthi jithendra	ECE	DRDL(DRDO) HYDERABAD	31 days-09th Dec 2019 to 10th Jan 2020
167.	Pranava Bharadwaj	ECE	Flextronics sricity	52 days-08th May 2019 to 30th June 2019
168.	Bhargavi Siddineni	ECE	HOW TO MODEL AN ELECTRIC VEHICLE USING MATLAB AND SIMULINK	1 day-21st March 2020
169.	Mylapilli Chetan	ECE	Internshala	42 days-20th March 2020 to 01st May 2020
170.	Jathin Reddy	ECE	Trange.io	1 day-21st June 2020
171.	Bhupathiraju Akanksha Sahitya	ECE	ECIL-Hyderabad	30 days-16th May 2019 to 16th June 2019
172.	Mohana sai kumar reddy B	ECE	ROBIC RUFARM INDIA PVT.LTD.	45 days-01st May 2019 to 16th June 2019

173.	M.Dinesh Datta	ECE	machine learning/internshala	40 days-20th March 2020 to 01st May 2020
174.	Veerla Madhu Sudan	ECE	ITM technical skills academy	30 days-27th May 2019-26th June 2019
175.	Koundinya Varanasi	ECE	How To Model An Electric Vehicle Using MATLAB & Simulink	1 day-21st March 2020
176.	Koundinya Varanasi	ECE	Ethical Hacking IIT Hyderabad	2 days-05th June 2019 to 06th June 2019
177.	Koundinya Varanasi	ECE	Introduction to HTML (Coursera)	01 day-21st May 2020
178.	Bhargavi Siddineni	ECE	Embedded Systems (APSSDC)	30 days-15th June 2020 to 14th July 2020
179.	Koundinya Varanasi	ECE	Embedded Systems (APSSDC)	30 days-15th June 2020 to 14th July 2020
180.	Abhijith Valluri	ECE	AIESEC, I worked for an NGO in EGYPT	42 days-02nd June 2019 to 14th July 2019
181.	G Akshay Kumar	ECE	CVC-LD-DVE	12 days-11th May 2020 to 23rd May 2020

182.	P.Someshwar Gupta	ECE	STUDY OF TELEMETRY internship at DRS in DRDL Hyderabad	33 days-09th Dec 2019 to 10th Jan 2020
183.	Abirami Ravishankar	ECE	SmartConnect Technologies	60 days-01st May 2019 to 01st July 2019
184.	Gattupalli Vindhya Sri	ECE	Internshala	42 days-27th April 2020 to 04th June 2020
185.	G Hema Varshini	ECE	Intershala	45 days-20th March 2020 to 01st May 2020
186.	Ch. Manasa	ECE	BSNL	15 days-06th May 2019 to 18th May 2019
187.	Ch. Manasa	ECE	BHEL	15th days-20th May 2019 to 01st June 2019
188.	Haridasu Rishitha	ECE	Project title: IoT based motion controlled servos Company details: Electronics Corporation of India Limited - ECIL,Secunderabad.	31 days-20th May 2019 to 19th June 2019

189.	Saikiran Puranam	ECE	APSSDC PCB design	13 days-15th June 2020 to 27th June 2020
190.	Sumanth J	ECE	BHEL HYDERABAD	15 days-26thJune 2019 to 11th July 2019
191.	Sumanth J	ECE	BHEL	15 days-26thJune 2019 to 11th July 2019
192.	Y. Jaswanth babu	ECE	Internship / EFFTRONICS	30 days-15th June 2019 to 15th JUly 2019
193.	T.N.B.Revanth	ECE	University	54 days-08th May 2020 to 28th July 2020
194.	Vasireddy K V Pavan Kumar	ECE	Telcocrates Technologies Pvt Ltd	28 days-24th June 2019 to 12th July 2020
195.	kollapudi srilaya	ECE	Flextronics	52 days-08th May 2019 to 28th June 2019
196.	M.Bharat	ECE	DRDO-DRDL-DRS	34 days-09th Dec 2019 to 12th Jan 2020

197.	Kanikella Rahul Chandra	ECE	Rapturize	30 days-2nd Dec 2018 to 31st Dec 2018
198.	K.Lakshmi Vyshnavi	ECE	Company:Electronic Corporations of India Limited.	30 days-13th May 2020 to 14th June 2020
199.	Kanikella Rahul Chandra	ECE	BSNL (RTTC) Hyderabad	15 days-06th May 2019 to 18th May 2019
200.	R. Charansai	ECE	BSNL	12 days-06th May 2019 to 18th May 2019
201.	Bennet Benny	Physics	SAKURA2019 internship program, Japan Advanced Institute of Science and Technology	16th-24th Dec 2019
202.	Bipin M	BBA	14 day sports leadership camp for basketball in Boston, Massachusetts	October, 2020
203.	N. Ram Narayana,	BBA	14 day sports leadership camp for basketball in Boston, Massachusetts	October, 2020

Conferences /Participation in Technical Activities

Sl. No.	Name of the student	Department	Details	Duration & dates
1.	Namgiri Jay Vinay	CSE	ACM India Joint International Conference on Data Science & Management of Data held at India school of Business,Hyderabad	2 Days (January 2-3 2020)
2.	Pavan Krishna	CSE	MSBuild 2020	May 19–21, 2020
3.	Sri Harsha T R	CSE	Co-authored a research paper presented at the conference - 2019 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT)	July 2019
4.	Milind Gupta	CSE	Google Developers Summit 2020	May 2-May 5, 2020
5.	Milind Gupta		International Conference on Advance Education(ICAE-20)	November 2019

Awards, Prizes & Medals

Sl. No.	Name of the student	Department	Event	Detail
1.	Sri Harsha T R	CSE	hackSRM hackathon	Title winner and 10k price reward
			Code Race	Runner up
			Robofeast	Local round winner
2.	Milind Gupta	CSE	Video Compilation	Won 18K from Yash Raj Films Studio
			Vertical Art Maker	2nd Runner Up For Youtube Channel
3.	S.Venkatesh	CSE	TECHNICAL QUIZ	Won 2nd prize in technical quiz with many different colleges participating.
4.	Tankala Yuvaraj	CSE	Researchers day	Conducted by our university and secured a gold medal,Topic:- Environment and Sustainability,my research topic is "Online Air Pollution Monitoring systems".
5.	Tankala Yuvaraj(CSE), Joseph Paul(CSE), Karthikay Gundepudi(ECE)	CSE, CSE, ECE	HACKNITR	Hackathon conducted by NIT Rourkela and we secured 2nd position
			HACKON	Hackathon conducted by Github, Google, IBM, and top MNC's. We won Matic Bounty and internship opportunities

6.	K. Sree Rama Murthy	CSE	Code Race	Runner up
7.	Omkar Ingale	CSE	CODEBREAK hackathon, MIT PUNE	1st Runner up (Team of 4).
			HACKBOUT, NMIT BANGALORE	2nd Runner up (Team of 4)
8.	Nandamuri Laasya Choudary	CSE	Women Techmaker Engineering Fellowship 2020 sponsored by Google	Earned scholarship through the program.
9.	Puvvada Sampath Ranga Sai	CSE	Tech quiz conducted on tech-fest srm ap	Won 2nd prize in technical quiz with many other different colleges participating.
10.	Vemulapalli Shyam Gopal Choudary	CSE	Essay Writing Competition conducted on Water and its Key uses conducted on behalf of WHO	Won 1st prize in the Essay writing competition.
11.	K Ruthvik Reddy	CSE	Codeutseva 4.0,NIT Raipur	Best hack for smarter surveillance system.(team of 4)
			HackBout, NMIT Bangalore	1st Runner up(team of 4)
12.	Ajay Kumar	CSE	Codebreak 1.0 Hackathon, MIT-ADT Pune.	1st Runner Up (Team of 4)
			Research Day 2020, SRM University AP.	Gold Medal for the research paper " Implementation of human detection on Raspberry Pi" in the field of IoT.

13.	Agniswar Paul	ECE	10th International Conference on Computing, Com munication and Networking Technologies (ICCCNT) at IIT Kanpur, July 2019 sponsored by IEEE U.P. Section	Paper Title: "Low-cost IoT+ML design for smart farming with multiple applications"
14.	Agniswar Paul	ECE	Attended Techcrunch Disrupt Berlin 2019 on 11th-12th December 2019 in Berlin, Germany	Biggest Technical & Startup Conference in Europe
15.	Mohan Aditya Pabolu	MECH	Face Shield Version 2.0	Covid 19 protection
16.	Rajesh	MECH	Tech Fest SRM-AP	Best General Secretary
17.	Rajesh	MECH	Tug of war won 1st Prize	Conducted at srmap during Christmas - 2019
18.	Raja Swarnakar, Akash Yadav, Akshay Tamanna	MECH	Research Day	Gold medal on Research Day for the Project Presentation On-topic
19.	GKV Manikantha	MECH	VITOPIA-2020	Runner up in Men's singles tennis player
20.	GKV Manikantha	MECH	SRI.S.V.Ramayya Memorial AITA National Ranking	Tennis tournament for men-2020
21.	GKV Manikantha	MECH	National Men's Rank- 509	National Men's Rank-509
22.	Satya Sai Ashish	MECH	Tournament conducted by MVR College Vijayawada	Winner (Cricket)
23.	Satya Sai Ashish	MECH	ournament Conducted by VIT AP	Runner (Cricket)

24.	Saikat Biswas	MECH	SRM AP sports fest	Winner (Chess)
25.	Sai Teja Tummuri	EEE	National Children's Science Congress	Certificate of district and state level and a participation certificate in national level in national children's science Congress organised by the department of science and technology, Government of India.

Social activities

Sl. No	Name of the student	Dept.	Activity
1.	Milind Gupta	CSE	Partnered with Impact Guru Foundation to raise funds for daily meals for wage workers. Worked with Hamari Pehchaan NGO for COVID-19 crowdfunding
2.	Suyash Dayal	CSE	Member of Help, Care and Support group (HCS-Guntur) since January 2020. Worked on collecting the funds for various noble causes which includes food and clothes for poor children on pongal, gifts for poor children on Christmas, blood donation programmes, helping poors during lockdown. Also helped in elaborating the strength of the group.
3.	D Lenin babu	ECE	Donated food, grocery and other necessary items to poor people during Covid-19 crisis with contributions from other PhD students and faculty of the University.
4.	Menon Chirag	Mech	Distributed basic grocery kits to over 3000 needy families of Maharashtra, which surmounts to over 3,26,000 meals.
5.	Tamanna	Mech	SRMAP Tech Fest 'Co-Chairman'
6.	Tamanna	Mech	Attended the 'Global Microsoft 365 Bootcamp' at Chennai.
7.	Tamanna	Mech	core team member of the SRMAP Music Club

8.	Tamanna	Mech	core team member of 'SRMAP Sports Fest-2020'
9.	Tamanna	Mech	2nd Prize in the Online Music Competition of SRMAP
10.	Tamanna	Mech	Completed the certified course offered from 'University Of London' on the topic of 'Research Methods'.
11.	Tamanna	Mech	Nominated as a 'Regular Attendee' of "Skill-Lync.co" training with proper certification.

Sports & extra-curricular activities

Students of SRM AP participated in VITOPIA (3-8 March 2018) conducted at VIT AP, Amravati. There were various events such as Basketball, Volleyball, Football, etc

Sl.No.	Name of the student	Dept.	Activity
1.	Kolla Harsha Vardhan sai	CSE	Football - VITOPIA champions and SRM sports fest runner up(SRM FOOTBALL TEAM) I played a goal keeper role in my team.
2.	Paladugu Venkata Hemanth	CSE	Long Distance Running - I ran 10Kms race in Tata Steel Marathon, Kolkata -Dec'19 and achieved my personal best timing of 68mins. https://www.sportstimingsolutions.in/share.php?event_id=55996&bib=14540
3.	Priyanshu Singh	CSE	Football - VITOPIA champions and SRM sports fest runner up(SRM FOOTBALL TEAM)
4.	Suyash Dayal	CSE	Essay writing competition- SRM AP (12th feb 2020). Got 2nd place
5.	K. Sree Rama Murthy	CSE	Chess - SRM sports fest runner up
6.	K. Yateesh Chandra	CSE	Vitopia sports fest cricket winners, Mvr sports fest cricket winners.SRM AP sports fest cricket participation.(SRMAP Cricket team)

Popular Talks, Radio, TV and Internet based (May 2018-May 2019)

Sl. No	Student Name	Details
1	Mohan Aditya Pabolu	Face Shield Version 2.0 telecasted in Guntur Citi News Channel Youtube Links: https://www.youtube.com/watch?v=m62Hf8AMx_8 https://www.youtube.com/watch?v=zybjvZu6Iss
2	Tamanna	With Dr Jayaprakash Sharma, Explained about 3D Printing experience in 3D Printing Lab of SRM AP to E TV AndhraPradesh. Youtube link: https://www.youtube.com/watch?v=ovg8Bu1U9iQ&feature=youtu.be
3	Mohan Aditya Pabolu	Face Shield Version 2.0 Published in 9 Local newspapers.

SCHOOL OF LIBERAL ARTS AND BASIC SCIENCES (SLABS)

Inauguration of the edifying School of Liberal Arts and Basic Sciences (SLABS)

In the 21st century, we are confronted with increasingly complex issues and challenges. To alleviate such impediments, we require a multi-dimensional thought process and problem solving skills. A multi-disciplinary undergraduate education is essential to prepare students to develop such skills, and the liberal arts education offered at SRM AP SLABS intends to do exactly the same.

SLABS was established in the academic year 2018 and it proposed to offer undergraduate programmes - B.A., B.B.A., B.Com. and B.Sc. across 12 departments, and Ph. D programmes across 10 departments. The list of programmess offered by SLABS are given in the following table:

Program/Specialisation	Undergraduate Level	Graduate Level
Biology	B.Sc.	Ph. D
Business Studies	B.B.A	Ph. D
Chemistry	B.Sc.	Ph. D
Commerce	B.Com.	Ph. D
Computer science	B.Sc.	Ph. D
Economics	B.A.	Ph. D
English Studies	B.A.	Ph. D
History	B.A.	Ph. D
Journalism	B.A.	Ph.D
Mathematics	B.Sc.	Ph. D
Physics	B.Sc.	Ph. D
Psychology	B.A.	Ph.D

SLABS provides a choice to the students to get a diploma in their chosen field of study by spending one additional year.

Department of Biology (BIO)

The Department of Biology fuels theimagination to unravel the fascinating mysteries of life with the help of its Internationally recognized staff and state of the art facilities for research. The department offers 3-year B.Sc. programme in Biology and Ph.D. programme. Besides, the department also offers minor programme in Biology, as well as allied courses and elective courses to students of B.Tech, B.A. and B.Sc.programmes.

Program name	Specialization	Number of semester & Years of study	Credits required
B. Sc	Biology	6 Semester (3 Years)	120
Ph. D	Biochemistry, microbiology, genetics, nanobiotechnology, algal biochemistry		

Department of Physics

Physics is the most fundamental science that deals with the properties and interactions of matter and radiation. The Department of Physics offers the Bachelor of Science B.Sc. and Ph.D. programmes in Physics. The B.Sc. Physics major programme and B.Sc. in Physics with a minor in another programmecan lead to a variety of other careers,

which the students can choose after the completion of the programme. The department also encourages research opportunities for undergraduate, master students, as well as graduate students, in several areas of experimental and computational/theoretical physics.

Program name	Specialization	Number of semester & Years of study	Credits required
B. Sc.	Physics	6 semesters (3 Years)	121
Ph. D	Physics, Material Science		12

Department of Chemistry

Chemistry is often called the "CENTRAL SCIENCE" as it plays a pivotal role in all aspects of physical and biological sciences, including engineering, agriculture, medicine, and allied health disciplines. The Department of Chemistryis composed of dynamic faculty members across diverse areas creating and spreading new knowledge at the forefront. In many cases, faculty, post-doctoral fellows, graduate, and undergraduate students collaboratively pursue interdisciplinary research within the department. The department offers foundation courses to 1st year B.Tech. students, B.Sc. programme, and Ph.D. programmes. The undergraduate programme has been designed to provide a basic foundation in general areas of inorganic, organic, and physical chemistry, along with specialized courses including material, analytical, nuclear, biophysical chemistry, and chemical biology, which provide undergraduate students with a rigorous, high-quality education, and exceptional research opportunities in a challenging and nurturing environment.

Program name	Specialization	Number of semester & Years of study	Credits required
B. Sc	Chemistry	6 Semester (3 Years)	120
Ph. D	Computational Chemistry, Organic synthesis, Solid state electrochemistry, Heterogeneous catalysis, Nanoscale materials for theranostic, and thermoelectric applications		

Department of Mathematics (MATH)

Department of Mathematics provides broad and excellent training incorporating the principal ideas in mathematics, and works towards the development of students as Mathematical thinkers, enabling them to continue to grow in their chosen professions. The department offers 3 year B.Sc. course and regular PhD programme in Mathematics. Further, we teach the undergraduate courses such as Calculus with applications, Linear algebra, and Statistics and Probability to all students pursuing courses in Engineering, Sciences, and Liberal Arts.

Program name	Specialization	Number of semester & Years of study	Credits required
B. Sc	Mathematics	6 semesters (3 Years)	104
Ph. D	Matrix Graph Theory, Computational Number Theory, Topological Dynamics, Partial Differential Equations, Algebra, Functional Analysis, Hydrodynamic Stability.		

Department of Environmental Science (EVS)

The Department of Environmental Science is the place where diverse aspects of Human – Environment interactions are explored under one scholarly roof. The department encompasses a broad spectrum of research areas /disciplines including the study of Ecology and Biogeochemistry of terrestrial and/or aquatic, energy production, water treatment, and nano-catalyst synthesis for a sustainable future.

Program name	Specialization	Number of semester & Years of study	Credits required
Ph. D	Carbon biogeochemistry of aquatic ecosystems Bioelectrochemical Systems Nanomaterials for sustainable applications, Bioenergy Production, Energy and Material Recovery, Techno-Economic Analysis and Life Cycle Assessment Wastewater Treatment, and Solid Waste Management.	---	---

Department of English (ENG)

The department of English applies a liberal arts pedagogical philosophy focused on developing students who can critically engage with the English-speaking international community. The English faculty come from around the world and hold degrees from prestigious institutions both from India and abroad. TheB.A. programme, and PhD programme enable students to effectively manage and transform the world's emerging diverse global sectors by offering instruction in the application of rhetoric in practical settings, critical communication theory, and Indian literatures. The students are instructed in an active learning environment which focuses on peer exchange, student focused instruction, and elaborate feedback cycle.

Program name	Specialization	Number of semester & Years of study	Credits required
B.A.	English	6 Semesters	116

Department of History (HIS)

The Department of History aims to equip the students to learn from history rather than merely learning history. The courses in the B.A. programme in Historyis designed to prepare students with the knowledge of historical processes, events and transformations in world and Indian History from Stone Age to the contemporary world. Every student is trained in the art of reading, writing, speaking, reasoning, and interpretation of texts in periodic seminars. Continuous evaluation through tutorials, term papers, and seminars apart from the end-term examinations will be the hallmark of this programme. The courses contain necessary knowledge in the subject for pursuing higher degree in social sciences, from an inter-disciplinary and multi-disciplinary approach.

Program name	Specialization	Number of semester & Years of study	Credits required
B.A.	History	6 semesters (3 Years) With the option of an additional thesis year	120 +60
Ph.D.	History Areas of Specialization: Modern Indian History,Histories of Science and Technology, Caste and Society,Gender Studies,Dalit Studies, Constitutional History, Histories of Medicine	8 semesters	120

Department of Journalism (JOUN)

The Major in the department of Journalism promotes questioning, seeking, discovery, analysis, and understanding of a wide variety of academic disciplines. Tomorrow's Journalists will learn how to be excellent communicators in writing, speaking and research. They will know how to analyze news, historical events, international relations, science and the mass media in its many pervasive journalistic forms – research reports, journals, newspapers, television, film, radio, internet, social media, cyber-culture and various new media forms. Virtual People, Media Psychology and Advanced Topics in Human Virtual Representation are a few interesting options of minors to choose from.

Program name	Specialization	Number of semester & Years of study	Credits required
B. A	Journalism	6 semesters (3 Years)	112

Department of Psychology (PSY)

Psychology, a subject that emerged from philosophy, is today, an art as well as a science. Psychology deals with human behaviour, and its complex underlying processes. The uniqueness of the department lies in its potential to equip students to deal with real world problems. The department gives an in-depth understanding of Psychology subjects as well as breadth of exposure in a number of related subjects, through its B.Sc. and PhD programmes.

Program name	Specialization	Number of semester & Years of study	Credits required
B. A	Psychology	6 semesters (3 Years)	121

Department of Economics (ECO)

Economics is the study of how societies, governments, businesses, households, and individuals allocate their scarce resources and how they interact with each other in producing and maintaining livelihoods. The B.Sc. (Hons.) Economics programme seeks to draw students who have a desire to enter careers where they are likely to make long-lasting contributions in policy making, in research or in corporate world. Also, the department allows learners to undertake PhD programme to analyze economic components and contribute to the society.

Program name	Specialization	Number of semester & Years of study	Credits required
B.Sc	Economics	6 semesters (3 Years)	120

Department of Business Administration (BBA)

The School of Management offers a full time 3 year BBA as well as PhD programme. The objective of the programme is to enable the students to flourish in the ever changing corporate world. The department assists the young mindsto understand the concepts in a holistic way through its dynamic curriculum. The students' learning is monitored and assessed continuously through various innovative ways such as digital exams, on-line exams, case study discussions and tests, group discussions, role plays, quiz programmes, research projects, and through other assessment criterions.

Program name	Specialization	Number of semester & Years of study	Credits required
B.B.A	Bachelor of Business Administration	6 semesters (3 Years)	120

Institutional and Industrial Visits

Sl. No	Faculty Member Name	Name of the Institute	Date & Purpose
1.	Dr. Jayasree Subramanina	Homi Bhabha Centre for Science Education, Mumbai	February 02, 2019 to August 08, 2019 Visiting Faculty Member
2.	Dr. Sabyasachi Chakrabortty	Universität Ulm, Germany, and Max-Planck-Institute for Polymer Research, Germany.	May 01, 2019 to June 16, 2019 Collaboration initiation discussion
3.	Dr. Mallikarjuna Rao Motapothula	UoH Hyderabad	June 07, 2019 Visit to Prof. SVS Nageswara Rao for the collaberation.
4.	Dr. Laxmi Narayana Patro	Amara Raja Batteries, Tirupati	June 08, 2019 Part of the group for discussion on SRM-ARBL research centre at SRM AP
5.	Dr. Sabyasachi Mukhopadhyay	IISER Tirupati	September 17, 2019 Scientific collaborations

6.	Dr. Ranjit Thapa	SRM Institute of Science and Technology	September 19, 2019 Collaborative discussion
7.	Dr. Manjunatha Thondamal	Pasteur Institute, Paris.	October 07, 2019 to January 11, 2020 SERB-ERC Implementing Arrangements. Visiting Agreement was signed between SRM AP and Pasture Institute, Paris.
8.	Dr. Sabyasachi Mukhopadhyay	IISc, Bangalore	October 14, 2019 to October 17, 2019 Visit to Indian Nanoscience Unser Facilities and scientific collaborations
9.	Dr. Salla Gangi Reddy	NARL, Gadanki	October 18, 2019 and 17 February, 2020 Visited to Prof. T. Narayana Rao and Prof. Y. Bhavani Kumar for project discussion
10.	Dr. Pijush K. Das,Senior Scientist NASI	CSIR-Indian Institute of Chemical Biology (CSIR-IICB)	October, 2019 October, 2019. Possible collaboration and utilization of scientific instruments and reagents at CSIR-IICB.
11.	Dr Amit K Mandal	Dr Anirban Sarkar, National Institute of Technology Durgapur	December 12, 2019 Research Presentation
12.	Dr. Siddhartha Ghosh	University of Hyderabad, Hyderabad	December 12, 2019 Visiting University campus and initiating collaboration with Prof. K.C. James Raju by signing UGC NRC form.
13.	Dr Amit K Mandal	Dr Nabendu Chaki, University of Calcutta	December 16, 2019 Research Presentation

14.	Dr. Salla Gangi Reddy	UoH Hyderabad	January 01, 2020 Visited to Dr. Y. Ramachandra Rao and Prof. Nirmal K Viswanathan for research collaboration on 10/01/2020
15.	Dr. Ranjit Thapa	Jawaharlal Nehru Centre for Advanced Scientific Research	January 05, 2020 Collaborative discussion
16.	Dr. Goutam Kumar Dalapati	3M Company Bangalore	January 13, 2020 Discussion for the technology transfer and research collaboration
17.	Dr. Sandhya Mishra, Dr. Arvind Kumar, Dr. Arup Ghosh	CSIR - Central Salt and Marine Chemicals Research Institute	January, 2020 Collaboration initiation discussion
18.	Dr. Mallikarjuna Rao Motapothula	NISER Bhubaneswar	February 09, 2020 to February 14, 2020 Visit to Dr. Prathap Kumar Sahoo for discussion and establishing collaboration
19.	Dr. Ram Baran Verma	IIT Gandhinagar	February 14, 2020 ResearchS discussion.
20.	Dr. Manjunatha Thondamal - Oral talk	Birla Institute of Technology and Research, Hyderabad.	February 15, 2020 SERB-ECR Award Group monitoring workshop.
21.	Dr. Pranab Mandal	JNCASR Bangalore	March 13, 2020 to March 16, 2020 Visit to Prof A Sundaresan for discussions and collaborations
22.	Dr. Vijayakrishna Rowthu	Sri Venkateswara Institute of Medical Sciences, Tirupati.	March 14, 2020 Collaboration initiation discussion in the fields of Radiology, Neurology, and Neurosurgery

23.	Dr. Sabyasachi Mukhopadhyay	NIT Durgapur	June 05, 2020 Visit to Prof. Amit Chakraborty's Lab for scientific collaborations
24.	Dr. Sabyasachi Mukhopadhyay	IIT Kharagpur	June 07, 2020 to June 8, 2020 Scientific collaboration with Physics and Computer Science department faculties

Faculty invited for delivering lectures

Sl. No.	Name of the delegate & affiliation	Topic	Details / Date (s)
1.	Dr. Sabyasachi Chakrabortty	Invited talk at 10th International Conference on Materials for Advanced Technologies (ICMAT), Singapore on June, 2019.	June 23, 2019 to June 28, 2019 at Marina Bay Sands, Singapore
2.	Dr. Nimai Mishra	Invited speaker for the symposium "Advanced Inorganic Materials and Thin Film Technology for Solar Energy Harvesting and Electronic Application" at International Conference on Materials for Advanced Technologies (ICMAT) 2019, Singapore, June 23-28	June 23, 2019 to June 28, 2019 at Marina Bay Sands, Singapore
3.	Dr. Goutam Kumar Dalapati	Invited talk on Nanostructure incorporated photovoltaics for renewable energy application: CuO, CZTS and metallic transparent conductor, at the University of Liverpool, England	July 03, 2019 at University of Liverpool, England
4.	Dr. Maram Pardha Saradhi	Chief Guest – for the workshop on "Tools and Technologies for Industrial Applications (TTIA-2019) – a skill development initiative for students (UG + PG) students	September 09, 2019 at KBN College, Vijayawada

5.	Dr. Goutam Kumar Dalapati	Panel member at th eInternational conference on sustainability education,	September 09, 2019 and September 10, 2019 at Delhi, India
6.	Dr. Lakshmi Sirisha Maganti	Role of ANSYS in Academic Innovations-	September 13, 2019 at Vijayawada
7.	Dr. Sabyasachi Mukhopadhyay	Invited Speaker at Department seminar in the Physics department of IIT Tirupati	September 16, 2019 at IIT Tirupati, India
8.	Dr. Prateek	Panelist on a discussion session with the journalist, Anya Kamenetz National Public Radio, US on the Future of Education in India. Part of the discussion published: https://www.npr.org/2020/02/08/801204777/a-university-built-from-scratch-in-5-months-wants-to-be-a-global-leader	September 20, 2019 at SRM University, Andhra Pradesh
9.	Dr. Maram Pardha Saradhi	Gave Nobel talk on "Rechargeable world with Li-ion batteries (LIBs): A Nobel Saga".	November 06, 2019 at SRM University - AP
10.	Dr.Malavika Binny	Panelist and Moderator for Panel on Challenges in Higher Education in India - Kerala History Congress,	November 09, 2019 at Mahatma Gandhi University
11.	Dr. V. Kannan	Panelist and Moderator for Panel on Challenges in Higher Education in India - Kerala History Congress,	November 09, 2019 at National Conference on Advanced Mathematical Analysis and Applications, PGDAV College, Delhi
12.	Dr. Karthik Rajendran	Invited as a resource person for a Short Term Training Program on Prospects and Challenges in Biofuels and Bioenergy, funded by AICTE	November 11, 2019 to November 16, 2019 at St. Joseph's College of Engineering, Chennai
13.	Dr. Siddhartha Ghosh	Invited Speaker at Department seminar in the Physics department of IIT Tirupati	November 17, 2019 at IIT Tirupati, India
14.	Dr. Malavika Binny	Panelist on Plenary session on Kerala History - Indian History Congress	December 28, 2019 at Kannur University

15.	Dr. Maram Pardha Saradhi	Talk on "The Chemistry of Green and Sustainable Mobility" a UGC sponsored one day National Symposium on "Innovative Advances and Impact of the Chemical Elements for Sustainable Development".	December 31, 2019 at JKC College, Guntur
16.	Dr. V. Kannan	Puzzles and Paradoxes	January, 2020 at Madras University, RIASM
17.	Dr. Maram Pardha Saradhi	Talk on "Role of surface energy in enhancing the performance of functional metal oxides" one day National seminar on Emerging Trends in Chemistry and Material Science	January 29, 2020 at Dept. of Chemistry, Acharya Nagarujuna University, Guntur
18.	Dr. Sabyasachi Chakrabortty	Invited talk at National Seminar on Recent Trends in Nanoscience & Nanotechnology - 2020 (NSRTN -2020), Department of Nanotechnology, Acharya Nagarjuna University, India.	January 29, 2020 at Dept. of Chemistry, Acharya Nagarujuna University, Guntur
19.	Dr. Maram Pardha Saradhi	Talk on "The Rechargeable World with Li-ion Batteries (LIBs): A Nobel Saga" a UGC sponsored two day National on "Recent Trends in Nanoscience and Nanotechnology".	January 31, 2020 at Acharya Nagarjuna University, Guntur
20.	Dr. Nimai Mishra	Invited talk on "Branched Semiconductor Nanocrystals" one day National seminar on Emerging Trends in Chemistry and Material Science	January 29, 2020 at Dept. of Chemistry, Acharya Nagarjuna University, Guntur
21.	Dr. Mahesh Kumar Ravva	Invited Lecture on "Theoretical design and development of new macrocycle organic materials for organic electronic applications" ACCMS-ICMG 2020 International conference	February 05, 2020 to February 07, 2020 at SRM University - AP
22.	Dr. Jayaprakash Sharma	Vijayawada Role of 3D Printing in Healthcare- National Seminar	February 07, 2020

23.	Dr. Mallikarjuna Rao Motapothula	Opportunities for material scientists in energy and environment problems.	February 10, 2020 at School of Physics, NISER Bhubaneswar
24.	Dr. Nimai Mishra	Invited talk at Industry-academic summit on "Designing High-quality Semiconductor Nanocrystals for Light-emitting Application"	February 20, 2020 at SRM University, AP
25.	Dr. Nimai Mishra	Invited speaker at International Conference on Smart Materials for Sustainable Technology (SMST-2020), on " Stable CsPbBr3 perovskite nanocrystals"	February 22, 2020 to February 25, 2020 at Goa, India
26.	Dr. Lakhveer Singh	Invited Key-Note Speaker at International Conference on "Innovation and Opportunities in Chemical Engineering for Sustainable Environment	February 27, 2020 to February 28, 2020 at Raja Balwant Singh EngineeringCollege,Technical Campus, Bichpuri, Agra, India
25.	Dr. Ranjit Thapa	Invited Lecture-Electronic Descriptor using QM/ML approach. Faculty Development Programme on "Advanced Materials Characterization and Machine learning in Materials Science"	March 04, 2020 to March 08, 2020 at SRM Institute of Science and Technology, Chennai, India
28.	Dr. Nimai Mishra	Invited oral at International Conference on Nano Science and Technology on " Facile anion exchange in CsPbBr3 perovskite nanocrystals"	March 05, 2020 to March 07, 2020 at Kolkata, India
29.	Dr. Jesse Deutsch	The RSA Algorithm: An Application of Number Theory	June 27, 2020 at SRMIST, Delhi NCR Campus, Ghaziabad
30.	Dr.Malavika Binny	Invited Lecture for Faculty Seminar	Centre for Historical Studies, Jawaharlal Nehru University

Fellowships of Academia and membership in Professional Bodies

Sl. No.	Faculty name	Awards/Professional society name
1.	Dr. D. Narayana Rao	FNA FNASc
2.	Dr. M. Jayaseelan	ISHAM Medical Phycology : Protothecosis and Chlorellosis Working Group (ISHAM-MPWG) member
3.	Dr. Jatindra Kumar Dash	Member (National Science Congress)
4.	Dr Shuvendu Rana	IEEE Member
5.	Dr. Ashu Abdul	IEEE Member
6.	Dr. Manikandan V. M.	Associate Member of The Institution of Engineers (India) ACM Member
7.	Dr. Manjula R	IEEE Member & IEEE Women in Engineering Member. (Senior Member, IEEE)
8.	Dr.Jaya Lakshmi T	CSI (Life): 00175108 ACM (Annual): 2898134
9.	Dr. B Ramachandra Reddy	ACM Member
10.	Dr. Murali Krishna Enduri	ACM Member
11.	Dr. Diwakar Tripathi	Associate Member in IETE
12.	Dr. Dinesh Reddy V	Member of Board of Studies - UIE - CSE & IT members constitution (2020-22), Chandigarh University. Professional member The IRED Member International Association of Engineers Memeber IUCEE
13.	Dr Sujith Kalluri	IETE Life member
14.	Dr Udaya Sankar	IEEE Senior member
15.	Dr. Om Jee Pandey	IEEE Member
16.	Dr Karthikeyan E	IEEE Member
17.	Dr. Prakash Jadhav	AMSE SEM ASC ISTE

18.	Dr. Vinod Kumar	IIM ASM IWS ISCA
19.	Dr. Venkata Nori	Combustion Institute India Section
20.	Dr. Tousif Khan N	Member, Automatic Control and Dynamic Optimization Society (ACDOS)
21.	Dr Nimai Mishra	"Associate Fellow of Andhra Pradesh (AP) Akademi of Sciences –AFAPAS" for the year 2019.
22.	Dr. Malavika Binny	Indian History Congress Kerala Council of Historical Research IAWAWSA -International Association of Women Archaeologists Working on South Asia
23.	Dr. Jesse I. Deutsch	American Mathematical Society (Member)
24.	Dr. Jayasree Subramanian	1. Member, International Committee, Mathematics Education and Society. 2. Life Member, Indian Association for Women Studies 3. Life Member, Mathematics Teacher Association
25.	Dr. Tapan Kumar Hota	1. Society for Industrial and Applied Mathematics (SIAM), Member id: 020872767. 2. International Association of Engineers (IAENG), Member id: 133517. 3. Indian Society of Theoretical and Applied Mechanics (ISTAM)-Life member, Member Id: L/1178 4. The Indian Science Congress Association-Life member, Member id: L38187
26.	Dr. Salome Divya Joseph	1. Life Member - IAAP 2. Indian Academy of Applied Psychology
27.	Dr. Anil K. Suresh	Andhra Pradesh Association for Biotechnology and Pharmacy (Life Member
28.	Dr. Anil K. Suresh	Andhra Pradesh Akademi of Sciences (Life Member)

Popular Talks, Radio, TV and Internet based (May 2018-May 2019)

Sl. No	Faculty Member Name	Details
1.	Dr. Jayaprakash Sharma	Explaining about 3D Printing lab at SRM AP and our students experience in 3D Printing Lab Youtube link:https://www.youtube.com/watch?v=ovg8Bu1U9iQ&feature=youtu.be
2.	Dr. Goutam Kumar Dalapati	Simple innovation for a bigger impact by YRE International, September 2019, https://yreint.exposure.co/simple-innovations-for-a-bigger-impact
3.	Dr. Malavika Binny	Segment on feminism on 'When Gender Speaks'
4.	Dr.Malavika Binny	'Ayurveda and the Indian Past' on Biju Mohan's YouTube channel

News-Papers reports (May 2018-May 2019)

Sl. No	Student Name	Details
1.	Dr. Manikandan V. M	Name appeared in the IEI Epitome (A monthly e-Newsletter by The Institution of Engineers India.
2.	Dr. Jayaprakash Sharma	Design of low cost face shield for protection from Covid 19 (Covered more than 20 NEWS papers)
3.	Dr. Tousif Khan N	Coverage related to APJ Abdul Kalam Memorial International Travel Award published in leading Telgu and English newspapers.
4.	Dr. Maram Pardha Saradhi	Chief Guest for the workshop on "Tools and Technologies for Industrial Applications (TTIA-2019)" covered in local newspaper Andhra Jyothy 0n 9th September 2019. https://epaper.andhrajyothy.com/c/43530507 EENADU 13th September 2019, Prajasakti 13th September 2019 http://epaper.prajasakti.com/c/43531057
5.	Dr. Sabyasachi chakrabortty	Chief Guest National Seminar on Recent Trends in Nanoscience & Nanotechnology - 2020 (NSRTN - 2020), Department of Nanotechnology, Acharya Nagarjuna University, India.

6.	Dr.Malavika Binny	Deccan Herald.22/03/2020 on Caste Killing in Hyderabad
7.	Dr.Malavika Binny	Deccan Herald.05/02/2020 on Ageist Bias in Superbowl Show
8.	Dr.Anil K. Suresh	News on ABAP award recived by Dr.Anil K Suresh, was published in daily newspaper like Hans India, Prajasakthi, Sakshi, Andhraprabha and Eenadu regional papers.

Journal reviewers

Sl. No	Faculty Member Name	Journal/articles reviewed
1.	Dr. Sandeep Singh Sengar,	IEEE Transactions on Systems, Man and Cybernetics: Systems (IEEE) Pattern Recognition (ELSEVIER) Neurocomputing (ELSEVIER) Geoscience and Remote Sensing Letters (IEEE) The Journal of Electronic Imaging (SPIE) Optik: International Journal for Light and Electron Optics (ELSEVIER) International Journal of Computer Systems Science & Engineering (CRL) Journal of Computational Methods in Sciences and Engineering (IOS PRESS) Recent Patents on Computer Science International Journal of Electrical and Computer Engineering Indonesian Journal of Electrical Engineering and Computer Science
2.	Dr. Satish Anamalamudi	IEEE Systems Journal. IEEE Canadian Journal of Electrical and Computer Engineering. KSII Transactions on Internet and Information Systems. Physical Comunications- Elsevier Wireless Personal Communications-Springer IEEE-ICUFN IEEE-SPAWC ICBDCC2017

3.	Dr. A Vadivel	JEI, SPIE SN Applied Sciences, Springer Optical Engineering, SPIE
4.	Dr. T. Ragunathan	IEEE International conference, Tencon 2019, Data Science and Engineering Track
5.	Dr. Shuvendu Rana	IEEE Transaction on Image processing IEEE transaction on Multimedia, ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM) Elsevier biocybernetics and biomedical engineering IEEE Access Multimedia Tools and Applications Multimedia systems Elsevier Digital signal processing Elsevier Pattern recognition Elsevier information systems
6.	Dr. Sobin C C	IEEE Access Computer Communications International Journal of Communication Systems
7.	Dr. Manjula R	Computer Communications Journal, Elseiver. IEEE Sensors Letters. IET Science, Measurement & Technology. Journal of Information Technology. IETE Technical Review. Journal of Internet Technology. Subject Matter Expert (SME) reviewer for ISACA's Privacy Principles
8.	Dr. Ashu Abdul	IEEE Access IEEE IOT Journal Soft Computing, Springer
9.	Dr. Dinesh Reddy V	Concurrency and Computation: Practice and Experience, Frontiers of Information Technology & Electronic Engineering, Springer Sadhana, Springer International Journal of Engineering Research & Technology Soft Computing, Springer
10.	Dr. Manikandan V M	Reviewer of ISA Transactions
11.	Dr. B Ramachandra Reddy	International Journal of Systems Assurance Engineering and Management (IJSA), Springer

12.	Dr. Diwakar Tripathi	Journal of Intelligent System IEEE Access Future generation Computer Systems ACM Transaction on Computing for healthcare
13.	Dr. Amit Kr Mandal	Journal of the Brazilian Computer Society, Springer FSDM 2020
14.	Dr Ashok Pradhan	IEEE ACCESS Optical Switching and Networks
15.	Dr. Sreenivasulu Tupakula	Journal of Lightwave Technology (Optical Society of America (OSA))
16.	Dr. Om Jee Pandey	IEEE Transactions on Wireless Communications IEEE Transactions on Network and Service Management IEEE Access IEEE Internet of Things
17.	Dr. Tousif Khan N	Associate Editor – IAES International Journal of Robotics and Automation, Malaysia Associate Editor- Asian Control Conference, Japan Frontiers in Neuroscience, Switzerland IEEE Transaction on Industrial Electronics, USA ISA Transactions, USA International Journal of Dynamics and Control, Switzerland
18.	Dr. Somesh Vinayak Tewari	IEEE Transactions on Plasma Science
19.	Dr. Shubh Lakshmi	IEEE Transactions on Power Systems
20.	Dr. Bhamidi Lokeshgupta	IET Generation, Transmission & Distribution. International Journal of Electrical Power & Energy
21.	Dr.V Sateeshkrishna Dhuli	IET Communications IEEE Access IEEE Systems Journal
22.	Dr. Mahesh Kumar Ravva	Guest Editor: Journal of Electronic Materials Macromolecules, ACS publications
23.	Dr. Sabyasachi Chakrabortty	Journal of Alzhimer Diseases, Medical Oncology, ACS publications
24.	Dr. S. Mannathan	Organic Letters, ACS publications
25.	Dr. Laxmi Narayana Patro	Ceramic International (ELSEVIER), Journal of Fluorine Chemistry (ELSEVIER) Journal of Solid State Electrochemistry (SPRINGER) Materials Research Express (IOP Science)

26.	Dr. Siddhartha Ghosh	Journal of Applied Physics (AIP), Applied Physics Letters (ELSEVIER), ACS Applied Materials and Interfaces (ACS), Physical Review B (APS)
27.	Dr. Soumyajyoti Biswas	Phys. Rev. Lett. (APS), Phys. Rev. E (APS), Phys Rev. X (APS), etc. Project review: Proposal evaluation under The Office of Basic Energy Sciences (BES) within the Department of Energy, US.
28.	Dr. Sabyasachi Mukhopadhyay	Journal of Electronic Materials (ACS), PhD Thesis Evaluation: Name of the Candidate B. Yadagiri, Registration No. 10CC15A18025 Name of the Laboratory - Polymers and Functional Materials Division Title of the Thesis - Design and Synthesis of Multichromophoric Conjugated Molecules for Organic Photovoltaics, Faculty - Dr. Surya Prakash Singh, ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH, CSIR - IICT, Hyderabad, India
29.	Dr. Ranjit Thapa	Nanoscale; Scientific Reports; ACS Applied Nano materials; Nanotechnology; RSC Advances; International Journal of Hydrogen Storage; ACS Applied Materials and Interface; Applied Surface Science; Journal of Magnetic Material, Physical Chemistry Chemical Physics, Surface Science; Machine Learning: Science and Technology; Journal of Physics and Chemistry of Solids; Journal of The Electrochemical Society
30.	Dr. Salla Gangi Reddy	Optics Letters, Applied Optics, JOSA A, JOSA B, Optics Communications, Laser Photonics Reviews, Chinese Optics Letters, Optics Express, Applied Physics Letters
31.	Dr. S. Tripathy	*Business and Economic Research* **(2162-4860);** *Journal of Quantitative Methods (*2522-2260*);* International Journal of Business and Economics (1542-8710); Journal of Economics World (2328-7144); International Journal of Applied Research & Studies (2278-9480); Journal of Finance and Accounting (2330-7323; Journal of Investment and Management (2328-7721)
32.	Dr. A.Lakshmana Rao	Journal of Research in Emerging Markets

33.	Dr. Aparna Choudhary	Industrial Marketing Management (ELSEVIER) SSCI Journal, Industrial Marketing Management (ELSEVIER) SSCI Journal
34.	Dr. Ajitha Soundararaj	Journal of Consumer Psychology – Wiley publication (SSCI listed, ABDC – A category) Journal of Brand Management – Springer publication (SSCI listed, ABDC – A category) Journal of Retailing and Consumer Services – Elsevier publication (SSCI listed, ABDC – A category) Personality and Individual Differences - Elsevier publication (SSCI listed, ABDC – A category) Systemic Practice and Action Research - Springer publication (SSCI listed, ABDC – A category) Asia-Pacific Journal of Marketing and Logistics – Emerald Publication (listed in SSCI and ABDC – B category) Technology in Society - Elsevier publication (SSCI listed, ABDC – B category)
35.	Dr. Ghanshyam Pandey	Agricultural Economics Research Review Indian Journal of Economics and Development Greener Trends in Plant Pathology and Entomology
36.	Dr. Jayasree Subramanian	Contemporary Education Dialogue
37.	Dr. Tapan Kumar Hota	Journal of Fluid Mechanics, Cambridge University Press. Journal of Fluid Mechanics- Rapids, Cambridge University Press.
38.	Dr. Fouzul Atik	Linear and Multilinear Algebra (Taylor & Francis). Indian Journal of Pure and Applied Mathematics (Springer)
39.	Dr. Sayantan Mandal	IEEE Transaction on Fuzzy Systems. Fuzzy Sets and Systems. International Journal of Approximate Reasoning
40.	Dr. Vijaykrishna Rowthu	IET Image Processing
41.	Dr. Imran Pancha	Algal Research (ELSEVIER) Bioresource Technology (ELSEVIER) Journal of Applied Phycology (SPRINGER)

42.	Dr. Anil K. Suresh	*Lead Guest Editor* 1. BioMed Research International (Impact Factor 1.57), *Hindwai Publications*. Associate Editor 1. Innovative Research in Chemistry Journal, *Sci-Edit Publications.* 2. Advances in Materials, *Science Publishing Group, USA.* 3. International Journal of Innovative Biological Research, *Sci-Edit Publications*. 4. Journal of Preliminary Research, *Sci-Edit Publications.* *Editor* 1. Peertechz Journal of Biomedical Engineering, Hi-tech City, India 2. Computational and Structural Biotechnology Journal, *Section Nanotechnology, Sweden*. 3. Advances in Integrative Omics and Applied Biotechnology, *BiomedCentral, London.* 4. Journal of Cell and Life Sciences, *Sci-Edit Publications*. for Journals *Nanotechnology, Environmental Science and Technology, J of Biomedical Nanotechnology, ActaBiomaterialia, ActaMaterialia, J of Hazardous Materials, Colloids and Surface B: Biointerfaces, Ecotoxicology and Environmental Safety, J of Environmental Monitoring, J of Nanomedicine, International J of Nanoscience, Nanoscale Research Letters, Materials Letters*
43.	Dr. Karthik Rajendran	Bioresource Technology (Elsevier) Applied Energy (Elsevier) Bioengineered (Taylor & Francis) Renewable and Sustainable Energy Reviews (Elsevier)
44.	Dr. Shoji D. Thottathil	Environmental Science and Technology (ACS Publications)

45.	Dr. Pankaj Pathak	Journal of Hazardous Materials (Elsevier) Journal of Environmental Management (Elsevier) Journal of Cleaner Production (Elsevier) Separation and Purification Technology (Elsevier) Waste Management (Elsevier) Environmental Science & Pollution Research (Springer) Journal of Chemical Technology & Biotechnology (Wiley)
46.	Dr. Lakhveer Singh	Progress in Energy and Combustion Science(Elsevier) Biotechnology Advances (Elsevier) Applied Energy(Elsevier) Green Chemistry (RSC) Chemical Engineering Journal (Elsevier) International Journal of Hydrogen Energy(Elsevier) Environmental Science and Technology (ACS)

Reviewer Social activities

Sl. No.	Name of the student	Activity	Date
1	Dr. Pardha Saradhi M (Nodal Point contact)	Swatch Bharat by NSS Cell, SRM-AP,	January 5-6th and 19-20th, 2019

Other activities

1. Celebration of International Women's Week 2020- Poster Display across the university campus, March 3-8, 2020.
2. Guest Lecture by Prof Rakesh Batabyal from the Centre for Media Studies, Jawaharlal Nehru University, Oct 3, 2019.
3. Academic Symposia on the Occasion of the 150th Birth Anniversary of Mahatma Gandhi, Oct 2, 2019.
4. Student interaction with Prof. Bodh Prakash from School of Letters Dr. B.R Ambedkar University, Delhi, Feb 2, 2019.

1. Invited Lectures hosted by SLABS

Sl. No	Name of the delegate & affiliation	Date (s)	Topic	Details
1.	Dr. Prasad V Bharatam & Department of Medicinal Chemistry, from NIPER, Mohali	January 25, 2019	New concepts in chemical bonding	Guest Lecture
2.	Dr. Sastry Pamidi Professor and Department Chair, FAMU-FSU, Florida	July 12,2019	Challenges Faced by the Electrical Power Grid and Potential Solutions Offered by Superconducting Power Systems Technology	
3.	Dr. Prakash Sista, Senior Scientist at SABIC, USA	July 19, 2019	Molecules to Devices – The Role of Chemistry in Modern Technological Advances	Guest Lecture
4.	B.D.Lewis, Managing Director & Proprietor, Benn Electrical Pvt.Ltd, Thane, Maharastra	September 9,2019	Different aspects of Electrical Engineering with a focus on Electrical Machines	
5.	Dr. Satheesh Krishnamurthy, Professor of Energy Technology, Faculty of Science, Technology, Engineering & Mathematics, School of Engineering & Innovation, The Open University, UK	October 18, 2019	Solar Fuel to address water challenge	
6.	Radhakant Padhi, Professor, Fellow INAE, IETE Aerospace Engineering Department, Indian Institute of Science Bangalore.	December 31,2019	Advanced Optimal Guidance for Challenging Aerospace Missions	
7.	Dr. Janaki Bhakle		Idea of India	Short Module on Indian History

2. Talks on Popularising Science

Sl. No.	Faculty Member Name	Details	Date & venue
1	Dr. V. Kannan	Antiquity of Indian Astronomy	November 18, 2019 at Skt. Dept, University Hyderabad
2	Dr. V. Kannan	Puzzles as pathways to pioneering works	December 21, 2019 at SCERT, Telangana

3. Youtube videos on Popularising Science

1. Interview with Dr Sabyasachi Chakrabortty On why to join SRM University in Amaravati, (https://www.youtube.com/watch?v=13PlzNaH2PM).
2. Brief video description of Dr. Pardha Saradhi Maram research area and expertise at SRM-AP, Amaravati, https://www.youtube.com/watch?v=78oPp3fkA5k.

Instrumentation

The following list includes some of the major instruments available

Sl. No.	Department	Name of the equipment	Company
1.	Electronics and Communication Engineering	ELVIS II+ (35 numbers with Multisim)	National Instruments
2.	Mechanical engineering	CNC Milling Machine	Bhavya Machine Tools
3.	Mechanical engineering	CNC Lathe	Bhavya Machine Tools
4.	Physics	X-ray diffractometer	PAN Analytical
5.	Physics	LCR meter	Keysight Technology
6.	Physics	High temperature furnaces	Ants Lab (Indian made)
7.	Physics	Spectrometer	TECAN microplate reads
8.	Physics	Globe box	VGard
9.	Physics	Fume Hood	Indian make

10.	Chemistry	X-ray diffractometer	PANalytical
11.	Chemistry	Microplate reader (UV-Vis and PL)	TECAN
12.	Chemistry	GC-MS	Perkin Elmer
13.	Chemistry	Glove Box	Ex-Vigor Tech
14.	Electrical and Electronics Engineering	Mixed signal oscilloscope	Yokogawa
15.	Electrical and Electronics Engineering	Voltage probes	Yokogawa
16.	Electrical and Electronics Engineering	Current probes	Yokogawa
17.	Electrical and Electronics Engineering	Function generator	Yokogawa
18.	Electrical and Electronics Engineering	Digital desktop multimeter	Yokogawa
19.	Biology	CO_2 Incubator	ESCO
20.	Biology	Concentrator Plus	Eppendorf
21.	Biology	Refrigerated Centrifuge	Thermo Scientific, REMI, NEYA16 R
22.	Biology	Double distillation unit	Quartz
23.	Biology	Spectrophotometer	Thermo Scientific, Systronic
24.	Biology	PCR Machine	BIORAD
25.	Biology	rtPCR Machine	BIORAD
26.	Biology	Milli Q	Evoqua
27.	Biology	Shaker Incubator	YOGA EIS-45
28.	Biology	Fluorescent microscope	Olympus

Mathematics Seminar Series

Department of Mathematics has started the seminar open to all members of the University to increase its outreach and possible intra and inter- institute collaboration for research.

Sl. No	Faculty Member Name	Details
1.	Dr. V. Kannan, SRM University, Amaravati, 8th January 2020.	Logical Puzzles in Mathematics.
2.	Dr. Jesse Deutsch, SRM University, Amaravati, 22nd January 2020.	Applications of Geometry of Numbers and Quaternions to Number Theory.
3.	Dr. Madhav Reddy, SRM University, Amaravati, 12th February 2020.	Structure of finite dimensional C^* Algebras and Bratelli Diagrams.
4.	Dr. Vijaysekhar Chellaboina, Dean SEAS, SRM University, Amaravati, 19th February 2020.	Standard Problems in Control Systems Theory.
5.	Dr. Atul Dixit, IIT Gandhinagar, 11st March 2020.	Superimposing Theta Structure on a Generalized Modular Equation.

- **Dr. Jayasree Subramanian** was the Chair for the Topic Study Group on Equity in Mathematics Education for the 13th International Congress on Mathematics Education and have been carrying out my responsibilities inviting speakers, getting papers reviewed and working towards a creating a dialogue among the participants. The conference which was to take place in August 2020 (postponed to August 2021 because of Covid).

- On the occassion of International Women's Day, the Department of Mathematics holds a contest named **Ms Hypatia SRM AP Mathematics and an essay competition on Gender & Mathematics.** The main aim is to spot female students with a talent for mathematics. This year the contest was held on the **March 4, 2020**. All the female students of the university were eligible to participate in the contest and over 60 students were participated in the event.

RESEARCH

Research Environment at SRMAP

We, at SRM University–AP, believe that the Universities and educational institutions need to trigger the thought process and inquisitiveness to go beyond the classrooms and textbooks. Expanding the frontiers of knowledge should be the top priority of the educational institutions. It is the perception of higher education, whether it is seen as a means of merely imparting classroom education to the youth or extending its benefits through qualitative research that makes the difference between Universities and World-class Universities.

We, at SRM University-AP, will provide opportunities to the students, research scholars and faculty members to fulfil their passion in science & technology and to carry out research. The passionate and ambitious students and the high-profile faculty members of SRM University-AP have a desire to work with the best possible minds in the world. At SRM University-AP we are evolving national and international collaborations on mega projects which will provide us with leadership in a few areas of Science and Technology. SRM University-AP is working in partnership with the Indian Railways to develop hydrogen-powered fuel cell-based train.

We have created a building named X-Lab to support and create a research environment within university. We have established 18 research laboratories, in X-Lab in the focused area. All laboratories are equipped with modern age instruments. The 100+ Ph.D. students are working in these laboratories. The undergraduate students are working with faculty members in different research projects.

Scientific Reports

Research activities and thrust areas are listed

1. Hydrogen Powered Train (Jal Janak Rail)

Hydrogen Powered Train is being developed by SRM University in collaboration with Integral Coach Factory (ICF) of the Ministry of Railways, Government of India. The Hydrogen Powered Train does not use Diesel or Electrical energy. Hydrogen is given as input to the fuel cell and the output of the fuel cell will drive the train. Lithium Ion Batteries and supercapacitors are employed. The proposed train will have 2 coaches operating at a speed of 75 Kmph. It is expected that the Hydrogen Powered Train will be operated by Dec 2019.

The pioneering Hydrogen Powered Train is being innovated by SRM University-AP in collaboration with the Ministry of Railways, Government of India

2. Department of Computer Science and Engineering (CSE)

The Computer Science and Engineering Department will investigate various issues related to image processing, pattern recognition, computer vision, video analytics and information retrieval. Large data are generated due to the emergence of social media and mobile phone-based applications, IOTs, etc. Distributed storage and computing have become very important for addressing the problem of Big Data and a lot of organizations have already started using the technology and tools developed based on the concepts of distributed computing. The faculty and students of the CSE department are actively involved in solving problems related to Big Data. The department will also focus in developing new techniques and tools for solving the problems which require the use of the algorithms proposed in artificial intelligence and machine learning fields. The department will also investigate issues related to computer networks and security. Social mining is also one of the areas in which faculty and students of CSE department will be carrying out research activities. The department will also address some important problems in health informatics and carry out efforts for building new software systems which will assist the doctors in providing better treatment to the patients. The department will also investigate high performance computing algorithms which will be applied in various areas of computer science and allied fileds.

The research activities carried out by the faculty members of the department are described below:

Prof. T. Ragunathan carries out research activities with regard to development of fast distributed file system for efficient storage and fast retrieval of large data. He focuses on issues such as client side caching, prefetching, replication and concurrent file access in distributed file systems. He also carries out research works on task scheduling and load balancing issues in cloud computing systems. He also investigates regarding efficient treatment plans for curing patients affected by critical diseases. Artificial intelligence and Big data-based techniques will be used in this research work for generating cost effective treatment plans.

Dr. Kazuhito Shida has been working on improvement of Markov Chain Monte Carlo methods(MCMC), which has a wide application in integration, ensemble generation and optimization of various functions defined on complicated domains. MCMC methods can be broadly separated into reversible and more advanced but difficult-to-handle irreversible ones. His latest interest is a general and simplified way of introduction of irreversibility to MCMC. An irreversible prototype algorithm is already working well on small-scale optimization problems.

Dr. Krishna Prasad has been working on Applications of Genetic algorithms and Fuzzy modelling in the areas of Electrical distribution systems, Wireless sensor networks and Distributed systems. Future research planned: application of Evolutionary programming in many contemporary research areas. His current research interests include Green Cloud computing, Data Placement strategy in Distributed Systems, EP in Big Data, WSN & Hybrid Wireless systems, Internet of Nano Things, Virtual reality and augmented reality.

Dr. Sandeep Singh Sengar's current research interests include motion segmentation, visual object tracking, object recognition, and video compression. His broader research interests include machine learning, computer vision, image/video processing and its applications. He has published several research articles in reputed international journals and conferences. He has also filed patent and submitted research projects in different research organizations. He is a Reviewer of several reputed International Journals including IEEE Transactions on Systems, Man and Cybernetics: Systems, Pattern Recognition, Neurocomputing. He has served as Technical Program Committee member in many International Conferences. He has organized several sessions and given keynote presentations in International Conferences. In addition to these, he has also given many expert talks in reputed organizations.

Dr. Priyanka is currently working on digital image watermarking and cattle identification based on animal biometric. The research in the field of digital image watermarking, focusing copyright protection, tamper detection and content authentication to protect intellectual property from illegal usage, corrupting, forgery etc. She is working on the use of soft computing in watermarking to increase imperceptibility, robustness and security. She is also working on developing a real-time biometric-based cattle recognition systems for registration, tracking, health monitoring and insurance claim of cattle using computer vision, pattern recognition and Artificial Intelligence. The novel cattle identification system can be implemented on android platform in real time scenario which makes it cost effective.

Dr. Bhanukiran Perabathini is currently working on optimization techniques in applications related to UAV based wireless communications. The work is both analytical as well as algorithmic in nature. 3D Wireless Cellular Network is an emerging field of research in which drone base stations are integrated with cellular-

connected drone users. Problems related to optimization of various network performance metrics such as coverage probability and channel rate, and mitigation of power consumption and latency are of great interest in these novel scenarios.

Dr. Manikandan V. M. is currently working on the design and development of reversible data hiding schemes in digital images. The research in the area of reversible data hiding got much attention in recent years due to its wide applications in medical image transmission and cloud computing. He proposed a scheme called reversible data hiding through encryption in which both the image encryption and data hiding is combined into a single process. He also explored domains such as copy-move forgery detection, digital image watermarking, etc. He published a good number of articles in the domain of reversible data hiding, digital image watermarking, etc. He is also acting as a reviewer of various international journals like ISA Transaction, Computers and Electrical engineering, International Journal of Engineering Research and Technology, etc.

Dr. Satish Anamalamudi is currently focusing on "Design of Scheduling protocols for Deterministic IoT Networks". State-of-the art scheduling protocol(SF0) for IoT networks is to enable cell scheduling for the aggregate traffic flows. But, there are some critical applications (e.g. Industrial M2M, medical M2M) which needs guaranteed bandwidth and bounded latency to transport the time-sensitive data within point-to-point traffic flows. For such P2P deterministic traffic flows, IoT nodes should assign a dedicated end-to-end L2-bundles to support control/data streams[I-D.ietf-detnet-use-cases].For such applications, a new scheduling protocol is proposed to reserve, label and schedule the end-to-end resources hop-by-hop through the Resource Reservation Protocol-Traffic Engineering (RSVP-TE).

Dr. Jatindra Kumar Dash is currently working in the area of design and development of Medical Image Analysis algorithms. His focus is to develop an expert medical Decision Support System for disease diagnosis. He has proposed many novel Image retrieval paradigms that exploit the data stored in medical image databases and provide reference cases for assisting radiologists for differential diagnosis of Lung diseases. He has published his research papers in journals of repute and proceedings of prestigious conferences. His broad area of research includes development of new machine learning and deep learning algorithms, content based image retrieval, video analytics etc.

Dr. Shuvendu Rana received his Ph. D. degree in 2017 and M. Tech degree in 2013 in Computer Science and Engineering from Department of Computer Science and Engineering, Indian Institute of Technology Guwahati. He received his B-Tech degree in 2009 in Computer Science and Engineering from West Bengal University of Technology. He has worked as a Research Associate in the Department of Electronic & Electrical Engineering, University of Strathclyde, Glasgow. Currently he is working as an Assistant Professor in the department of CSE, SRM University AP. He is a recipient of TCS scholarship and DST ITS travel grant in his Ph. D. tenure at IIT

Guwahati. His Research interests include 3D image & video analysis, image & video watermarking, medical imaging, AI&ML based image and video processing, structure from motion, information hiding and multimedia security.

Dr. Manjula R: Traditionally, content secrecy and privacy of information i.e., the text or images is achieved through the use of cryptographic primitives such as encryption and decryption techniques. However, concealing contextual information, in networks, such as packet flow rate, frequency of the EM signals, timing of the network traffic, location of some important events etc., is not possible through cryptographic primitives. A separate treatment is necessary to secure such contextual information. My research focuses on concealing all such contextual information so that it is hard to discern by the adversary, an application of Wireless Sensor Networks for monitoring endangered species.

Dr. Deepak Kachave has completed his PhD from IIT Indore in 2019. He has joined SRM University in December 2019. Since then his primary focus is on developing methodologies for generating Transient Fault tolerant 3D ICs. As the technology Scale reaches sub-10 nm, 3D ICs are becoming a viable alternative to increase the transistor density/volume in a chip. The impact of transient fault is expected to increase in both temporal and spatial domains. Hence, techniques are required for ensuring correct output is generated even in the presence of temporal and spatial impact of transient fault. These techniques were developed for 2D ICs by Dr. Deepak's research group at IIT Indore. However, there is no work done for 3D ICs. Dr. Deepak is currently working on developing such a technique.

Dr. Sobin C C is currently working as Assistant Professor in Dept. of CSE, SRM University Andhra Pradesh. He completed his PhD from IIT Roorkee in 2019 and M.Tech from IIT Madras in 2010. He has been teaching various courses in Computer Science and Information Technology streams for the last 15 years. His research interests are Delay Tolerant Networks, Wireless Networks, and Internet of Things, in which he is currently working on developing efficient routing protocols for Delay Tolerant Networks. He is also interested in incorporating delay tolerance over Internet of Things (IoT), which helps to interconnect physical world smart entities is Internet of Things (IoT). Building IoT over DTN is possible in case of limited connectivity. Currently he is working on developing smart agricultural solutions for remote villages in India. Some of such applications include automated irrigation, soil quality prediction, machine learning based weather and price prediction systems.

Dr. B Ramachandra Reddy is currently working as Assistant Professor in the Department of Computer Science and Engineering at SRM University Andhra Pradesh, India. He received Ph.D. from PDPM IIITDMJ, Jabalpur in 2017 and M.Tech from GGSIPU, Delhi in 2006.He has been teaching various courses in Computer Science and Information Technology streams for the last 7 years. His research interests are Machine Learning, Data Mining, Software Metrics and Software Quality.

Dr. Dinesh Reddy Vemula is currently working on reducing energy consumption in cloud data centers and fog environments. His focus is to develop novel optimization algorithms for efficient resource management in data centers. He has proposed many novel methods and best practices to reduce the energy consumption in data centers. He has published his research papers in journals of repute and proceedings of prestigious conferences. His broad area of research includes cloud computing, fog computing, and development of new optimization algorithms and their applications to solving societal problems.

Dr. Ashok Kumar Pradhan is currently working on smart patient healthcare monitoring systems to provide better service by improving the availability and transparency of health data. However, it also poses serious threats about data security and privacy. As medical internet of things (IoT) are connected to other devices through various networks, which provides a suitable attack surface for the intruders. Also, the health data are sensitive and any breach in security may lead to wrong treatment or compromising the privacy of the patients. To overcome these issues, a secure IoT framework is desirable which is capable of preserving the integrity and confidentiality of the medical data. Hence, we have proposed novel architecture which leverages the private blockchain and InterPlanetary File System (IPFS) with cryptography to enhance the security and privacy of IoT for healthcare applications.

3. Department of Electronics and Communication Engineering (ECE)

The following are the research areas where the students and faculty members are actively engaged:

Thrust areas

- VLSI and Microelectronics
- Signal processing and communication
- RF / Microwave Engineering and Photonics
- Systems biology

Description on research

Signal processing and communication

Faculty membesr: Prof. Priya Ranjan, Dr. Anirban, Dr. Sunil Chinnadurai, Dr. Karthikeyan Elumalai, Dr. Sateeshkrishna Dhuli, Dr. Om Jee Pandey, Dr. Uday shankar

Description: This research group is actively involved in the theoretical and practical facets of communication systems and networks that will have a greater impact on the

information driven world in both the near and long term future. This group spans the various aspects of communication and information theory, wireless communication, signal and image processing, WSNs, vehicular communications, Artificial Intelligence, Machine learning, Game Theory & optimization, and Internet of Things. This group also focuses on applying the theoretical concepts to the applications in cellular communications, defence, satellite, consumer electronics, health care, remote sensing and the environment.

VLSI and Microelectronics Group:

Faculty Members: Prof. Siva Sankar Yellampalli, Prof. Priya Ranjan, Dr. Ramesh Vaddi, Dr. Sujith Kalluri, Dr. Karthikeyan E, Dr. Pradyut Sanki, Dr. Divya Chaturvedi, Dr. Anuj Deshpande

Description: This research group focuses on the design and development of Wearable Electronic Systems (WES) for applications such as IoT, smart wearable gadgets for fitness, Biomedical implants, etc. This includes theory, modeling, analysis, design, integration and testing of various important components such as power management circuits, energy harvesting circuits, flexible rechargeable battery systems, wireless charging devices, ultra low power and energy-efficient circuits, Post-CMOS device technologies, On-Chip memory design, Circuits and Architectures for VLSI DSP, ASIC/FPGA Implementations, Hardware security, AI based Edge computing nodes, wireless systems, Smart Antennas, resonance/polarized antenna systems, Photonics based Interconnects, etc.

RF/Microwave Engineering and Photonics group:

Faculty members: Dr. Divya & Dr. Sreenivasulu

Description: Photonics: We work on Photonic integrated circuits for communication and sensing applications. Specifically, we do design and analysis of silicon photonic devices. Presently we are working on photonic bandgap structures which are unconventional devices with attractive features like complete electromagnetic bandgap, strong light confinement within the cavities, capability of ultra sharp channel drop filtering, highly sensitive towards the changes in refractive index of the material.

Currently we have two research scholars working on DWDM applications of Photonic Crystal (PC) based resonator cavities and THz antenna design based on PC devices.

Systems Biology

Faculty members: Dr. Anuj and Dr. Sibendu

Description: We work on the mathematical modeling of the biological systems. The idea is to understand and control the biological networks from the engineering perspective. Currently we are working on the modeling of systemic diseases (to be specific, cancer), fault identification in the biological systems, optimal drugs prediction, and modeling and simulation of bacterial chemotaxis networks.

Advanced Battery Engineering Group

Group Leader name: Dr. Sujith Kalluri

Group members: Ms. Kamala Kumari Duru (Ph.D. scholar), Mr. Chanakya Karra (JRF)

Description: Battery Research Group focuses towards the electronic materials aspect and the simulation/modelling aspects of the rechargeable lithium-ion and beyond-Lithium-ion battery technologies for various customer-demand battery applications such as fast charging, long drive-range per single charge, flexible electronics etc. The group expertise also includes Device fabrication of Lithium-ion and Sodium-ion batteries (pouch-type and stack-type full-cell assembly), Establishing design prototypes of the Lithium-ion batteries for next-generation high-voltage and varied temperature applications, Electronic control of battery systems.

4. Department of Mechanical Engineering (ME)

Mechanical Engineering is one of the oldest disciplines, currently it offers B.Tech in Mechanical Engineering, specialization in Robotics and Additive Manufacturing and PhD in various areas of Mechanical Engineering as well as inter-disciplinary research aimed at computational sciences. Research areas of various faculty members in Mechanical engineering department is spread across various disciplines including but not limited to numerical simulations pertaining to flow physics on aerodynamic surfaces, composite materials, additive manufacturing, robotics micro-fluidic cooling, control of dynamical systems, Thermal barrier Coating systems, Nano fluids, light alloys and its composites etc.

The following are the research areas where the students and faculty members are actively engaged:

Dr. Prakash Jadha's current research is in Design, Analysis, Manufacturing and Testing of Fiber Reinforced Composite Structures, Experimental Mechanics, Computational Mechanics, Vibration, Impact, Bird strike. Dr Prakash has worked in industrial research for almost 9 years and contributed directly to improve the product performance, efficiency and making them lightweight. He worked on designing and

developing products that are made of fiber reinforced composites and to be used in aerospace, energy, heathcare and transportation sector. He filed 5 patents on the innovative ideas to improve their efficiency and performance. **Description on research**. He also wrote 25 internal technical reports in GE on his research. For these accomplishments, he was awarded global innovation award by GE Management. He published over 30 papers in peer reviewed journals and conferences, wrote two book chapters.

Thrust areas

- Composite fan blade, composite fan case
- Composite table top for MRI machine
- Composite cabs for railway locomotive
- Abradable coatings for gas turbine blades and composite wind blade.

Dr. G. S. Vinod Kumar has 8 patents (5 granted, 2 published and 1 filed) along with a patent jointly with industry. He developed technologies that are transferred to Titan Company Ltd, Hosur, TN. He has over 35 peer reviewed journal papers.

Thrust areas

- Solidification Processing of light alloys and its composites,
- Metal foams, Precious Metals (Au, Ag) and Brass.
- Structure Property correlation,
- Understanding structures using large scale characterization tools (3DAP, Synchrotron radioscopy and tomography and Microgravity).

Dr. Sheela Singh has published over 22 papers in various reputed peer reviewed journals.

Thrust areas

- Interconnect material for Solid Oxide Fuel Cell (SOFC),
- Thermal Barrier Coating system (TBC) for turbine blades,
- High temperature solid lubricants,
- Nano fluids.

Dr. Venkat Nori has worked in industrial research for almost 10 years and contributed directly to improve the product performance and efficiency of aircraft gas turbine engines. He has worked extensively in the design and development of gas turbine combustor. Currently working on development of Unmanned Aerial Vehicles (UAV).

Thrust areas

- Propulsion,
- Engine Combustion/Cooling,

- Emission reduction,
- Fuel chemistry,
- Power Plant Optimization,
- Alternate/Hybrid energy technologies

Dr. Satya Pramod Jammy: In the last Five years Dr Jammy leads the development of an open-source framework for the solution of PDE's using finite differences. He uses state-of-the-art computing platforms to do scale-resolving simulations. His application areas hypersonic flows, re-entry vehicles, and wing-tip vortex development. He has published 9 papers in reputed international peer-reviewed journals, a co-PI for two computing grants from prestigious funding agencies like EPSRC, and also he is the co-PI for a PRACE compute access grant (open for researchers across the world), which was awarded 3500 million CPU hours on Europe's super computer (HazelHen).

Thrust areas

- Design of novel numerical algorithms for fluid flows
- Hypersonic flows, re-Entry vehicles, and Wing-tip vortex development

Dr. Surfarazhussain Halkarni is actively worked on development of various research facilities during his career. He has published in various international peer reviewed journals and conferences.

Thrust areas

- Experimental Heat transfer and Fluid Dynamics,
- Transport in porous media,
- Convective Heat Transfer.

Dr. Panchagnula Jayaprakash Sharma obtained his PhD degree in the field of metallic Additive Manufacturing (Thesis title: Additive Manufacturing of Complex Metallic Objects with Overhanging Features: Slicing and Path Planning Strategies) in 2017 from IIT Hyderabad. His research interests include metallic AM (arc and/or laser), Composite AM, feature recognition, new slicing and path planning techniques for additive manufacturing and CNC machining. He proposed an efficient algorithm for depositing the overhanging features through weld-deposition, without the use of supports and named it as inclined slicing and deposition. This approach uses higher order kinematics i.e., adding extra rotary axes to the work piece. He published four international journals and eight international peer reviewed conferences. With his expertise, he proposes to develop both continuous and discontinuous bulk FGM components for various engineering applications using AM with improved mechanical properties

Thrust areas

- Metallic AM (arc and/or laser), Composite AM,
- Feature recognition,
- New slicing and path planning techniques for AM and
- CNC machining.

Dr. Lakshmi Sirisha Maganti has received her PhD degree from Indian Institute of Technology Madras, Chennai. During her PhD she worked on developing effective cooling systems for electronic components. The research has brought up several interesting phenomena and the same has been appreciated by reputed journals in the field. In addition, she also worked in diverse areas such as enhancing breakdown strength of transformer oils, viscoelastic characteristics of nano-gels and bio applications for cancer treatment. In total she has 13 publications in peer reviewed journals with cumulative impact factor of 31.5. She has Post Doc Experience from State University of New York Binghamton, USA. During PDF.

Thrust areas

- Developing cooling techniques for Dara Centers.
- Water-surfactant colloids as coolants in data centers for surface mechanisms like surface tension of the fluid and to improve the hydrodynamic performance of heat sinks.

Dr. Janardhan Vistapalli has developed a Biped robot that jumps vertically with control, kinematic analysis of the same for forward motion. He has published in various national and international journals as well as conferences.

Thrust areas

- Multibody dynamics and
- Robotics

Laboratory developments (within last 1 year)

Established following undergraduate mechanical laboratories

1. Heat and Mass Transfer
2. Kinematics and Mechanisms
3. Fluid Machinery
4. Fluid Mechanics
5. Measurements and Instrumentation
6. Machine Design

5. Department of Electrical and Electronics Engineering (EEE)

Research – Dr. Tousif Khan N: In recent times, the world has been witnessing a paradigm shift in the ways in which the electrical energy is generated and controlled for transmission, distribution and subsequent consumption at residential and industrial ends. Sources of renewable energy such as photovoltaic cell and fuel cell are evolving technologies for dc voltage generations, which has eventually led to the proliferation of nonlinear power converters into the power generation process. Owing to the high efficiency, compact size and low cost, such converters find wide applicability in fulfilling essential dc voltage needs for both static and dynamic loads. Inherently these converters are nonlinear, non-smooth, complex, time varying and belong to the class of variable structure systems. This necessitates the design and development of an effective controller integrated with real time observer mechanism in order to yield a fast output voltage regulation, while maintaining a smooth inductor current profile throughout.

In this regard Dr. Khan is working towards design, development and experimental validation of intelligent controller design through adaptive & robust control theory integrated with finite time online exact disturbance observers for complex dc-dc converter systems feeding nonlinear loads. Such a control system evaluates any unforeseen eventualities in a real-time basis and compensates effectively thereby yielding a fast output voltage tracking while maintaining smooth inductor current characteristics. Application is this research work can be found in E-Mobility, Fuel cell/solar fed Traction Locomotives, industrial drives and robotics.

Research – Dr. Somesh Vinayak Tewari has carried out research in the area of pulse power systems with a focus on insulator flashover studies in high voltage pulse power system. He has designed and developed an ultra-wide band Marx generator, carried out surface discharge studies with an improvement in spacer efficiency using particle-in-cell code. He has utilized optical emission spectroscopic technique and worked on surface potential decay behaviour of insulators as tools for surface flashover studies. He has worked in the area of underwater electrical explosion of wires using pulse power systems with applications in the study of phase transition of metals and for validation of equation of state and conductivity models etc. He has worked with streak camera imaging to study the time and space resolved radial expansion and shockwave propagation. He has also worked with the design and development of ECR (electron cyclotron resonance) ion source. His research interest includes surface flashover studies of insulator under pulse voltage conditions, studies on electrical explosion of wires and other pulse power related applications.

Research – Dr. Shubh Lakshmi: In the coming years, it is expected that the installation of rooftop PV will rapidly grow due to the need of clean/carbon-free energy source, availability of solar irradiation in most of the part of the country, reduction in installation cost of PV, etc. However, the uncertainty associated with PV generation

and its large injection in distribution networks during high PV penetration hours lead many issues in distribution networks. Hence, there is need of development of approaches to improve the operational performance of distribution networks with PV generation. Also, the increasing uses of non-linear loads in distribution networks deteriorates the power quality. The poor power quality may result in mal operation of the sensitive equipment, additional network losses, etc. Hence, the modern distribution networks require the installation of custom power devices to mitigate the power quality issues.

In this regard, Dr. Shubh Lakshmi is working towards development of approaches to reduce the issues of distribution networks. Her research focuses on the development of planning approaches to improve operational performance of distribution networks with PV generation, development of energy management strategies for economic operation of distribution networks with distributed energy resources, and modelling and allocation of custom power devices for mitigation of power quality issues of distribution networks.

Research – Dr. C. Upendra Reddy: In recent years, EVs have become a rational choice for green transportation. Therefore, faster adoption of EVs for green transportation has paved a new way to study and perform research on EVs and develop new activities in academia and industry. One of the significant challenges is to realize a cost-effective EV drivetrain since, EV motor, unlike industrial motors, has to operate over a wide speed and torque range. Therefore, it is necessary to ensure that the controller should have a good dynamic response over the entire operating range. Hence, an IM based drivetrain is chosen.

The difficulty in controlling the IM lies primarily in the coupling of the control variables, namely the flux and the electromagnetic torque, and the use of appropriate control methods ensure decoupling of these (flux and torque) quantities. The vector control techniques can decouple the flux and torque quantities and also provide the dynamic performance equivalent to those obtained by the DC machine. While the IM with vector control algorithms delivers a similar response as DC machine when seen in the rotational reference frame aligned with the rotor flux. The field current and the torque current are orthogonal and decoupled in the rotational reference frame when aligned with the rotor flux and resemble dc quantities in steady-state. Accordingly, the flux and torque currents can be individually regulated to achieve dynamic response identical to the dc machine. For aligning the rotational reference frame with the rotor flux, the control algorithm requires a rotor flux angle. The estimation of the rotor flux angle can be realized in two ways: either by direct rotor flux field-oriented control (DRFOC) or by indirect rotor flux field-oriented control (IDRFOC).

The direct torque control (DTC) is another vector control of an IM. The DTC method is simple in implementation and the rideability of the drive with the DTC method is not smooth due to the high ripples in controlled variables (torque and flux). Therefore, to reduce the torque ripple, methods like space vector modulation based

DTC and predicative DTC are the for a smooth drive performance, the ripple reduction of the controlled variables, and accurate stable speed estimation techniques are necessary. Consequently, the ripple reduction of the controlled variables and sensorless control methods became exciting research areas that have motivated to investigate further and to implement in real-time applications.

Research – Dr. Bhamidi Lokeshgupta: Demand side management (DSM) is one of the essential tools in the smart grid (SG) technologies to enhance the reliability, sustainability, and efficiency of the power system. Generally, utility companies adopt DSM methods to reduce the system peak load demand as well as improve their financial savings. There is significant scope for DSM programs in all power system sectors such as generation, transmission, distribution, and utilization. Generally, these DSM load shifting problems can be solved by optimization methods like linear programming, dynamic programming, quadratic programming, mixed integer programming, and also with the meta-heuristic evolutionary algorithms. DSM methods are not only useful for utilities and consumers but also provide impressive benefits to all the SG participants.

The primary objective of this work is to develop and solve an intelligent DSM optimization model with certain objective functions. The objectives of this work also include the investigation of economic, environmental, and technical benefits of DSM model towards the different SG participants like utilities, consumers, generation companies, and utility-owned microgrids. The DSM model is incorporated with power system problems to get extra benefits. This work mainly develops an intelligent residential DSM model for optimal planning of smart home RERs and BESS along with efficient home energy operation. The proposed DSM model is formulated as both single and multi-objective optimization problems and also implemented in both individual consumer and multiple consumers' environments.

6. Department of Biology (BIO)

The following are the research areas where the students and faculty members are actively engaged:

Research Group of Dr. Anil K. Suresh

Trust areas

- Fabrication and characterization of nanoparticles for various biotechnology and biomedical applications, and their characterizations.
- Clinical medicine and targeted therapeutics for life threatening diseases (HIV, Cancer) using engineered nanoparticles.
- Cell and Microbiological toxicity assessments of engineered nanoparticles.
- Microbiome mediated fate and transformation of engineered nanoparticles.
- Engineered nanoparticles aided early diagnosis of cancer and other microbial based infections.

Description on research

His project that aimed at removing cancerous cells out of our blood system adopting monoclonal antibody mediated selective attachment of super paramagnetic iron oxide nanoparticles onto the cancer cells and removing these surface functionalized cancer cells using a strong external magnet placed externally. The proposed strategy might address drawbacks in the current therapeutics and we might not have to worry about drug resistance, side effects caused by the drugs and or developing novel therapeutics. This novel proposal will model, optimize and achieve novel targeting strategy using permanent magnets to control and remove multi-drug resistant cancer cells labelled with nanomagnets and will improve the current therapeutics drastically, in particular will enable new and immediate treatment for blood cancer.

Another recently funded, 3-year project (2018-2021) by the Department of Science and Technology for an amount of ***Rs. 49 Lakhs*** entitled "*Microbiome mediated fate and transformation of man released nanopollutants*". Where he aims to understand the interactions of commonly used nanoparticles in various consumer products with our gut microbiome, which is highly unexplored. Toxicity evaluation of most widely used metal (Ag), metal oxide (SnO_2, ZnO, TiO_2) nanoparticles that might have potential impact on the environment and that are being produced in huge quantities, on selected bacterial species (for example, *Escherichia coli, Salmonella, Klebsiella oxytoca, Clostridium difficile, Lactobacillus gasseri, Bacteroides plebeius*) from each family that are known to dominate human gut microbial flora. He also plans to assess the impacts of various engineered nanoparticles with respect to dose and time on the gut microbial flora of mice based on 16S rDNA genomic sequencing analysis. Because it's becoming increasingly clear that our microbiome can affect our overall health and that engineered nanomaterials affecting microbiome could indirectly impact human health.

Dr. Anil established himself as a pioneer in the following areas; microbial-based eco-friendly fabrication of clinically relevant FDA approved metallic nanoparticles; assessing nanoparticle cell interactions; nanoparticles for imaging, targeted drug delivery, early diagnosis and treatment options. Within these areas, and apart from the above-mentioned on-going funded projects, his group is also working on several other sub-projects. Few examples include, real interactions of engineered nanoparticles with blood; high-efficient separation of a various mixed compositions of nanoparticle to purity using simple and affordable techniques, *under minor revision for Soft Materials, 2019*; stem cell based nano-bombs for targeted tumor blasting; controlled aggregation of nanoparticles.

"Magnetically induced movement of cells for targeted and effective immunotherapeutics", *where Dr. Anil is the lead author* aimed at developing novel immunotherapies against malignant brain cancer based on activation of tumor-infiltrating myeloid cells. Microglia represent myeloid-derived cells that can be activated with CpG oligodeoxynucleotide an immunostimulatory agent. The

feasibility of a dynamically programmable magnetic field in selective trafficking to brain microglia treated with CpG conjugated to iron oxide nanoparticles was performed. Unlike conventional methods, by generating magnetic fields, the grid-generated DPMF, enabling fine control to potentially enhance TAM routing to glioma. *This work allowed controlled magnetic targeting and trafficking of the conjugates into the brain cancer.*

Research Group of Dr. Manjunatha Thondamal

Thrust areas

a) Genetics of aging
b) Dietary Restriction and healthspan
c) Mitochondrial morphology and aging
d) Small molecular activators of lifespan and healthspan factors.

Description on research – Dr. Manjunatha Thondamal, Dept. of Biology

Our research group mainly focuses on the genetics of aging; particularly in understanding the dietary restriction (DR) mediated longevity. We use *C. elegans* as our main model to study the biology of aging. We use combination of genetics, behavioral, and molecular approaches to study effects of DR on lifespan and, the cost (fitness) associated with it.

Role of Nuclear Hormone Receptors in C. elegans metabolism and Aging

The main objective of this study is to understand the dietary restriction (DR) mediated longevity. By adopting *C. elegans* as main model, our group studies the genetic of DR mediated longevity. By using combination of genetics, behavioral, and molecular approaches we will study the effects of DR on lifespan and, the cost (fitness) associated with it. We are actively working on elucidating the roles of nuclear hormone receptors (NHR) in mediating the diverse signals from various longevity pathways such as DR signaling, insulin signaling (ILS), germline signaling, etc.

Mitochondrial dynamics in aging and stress

Under the Implementing arrangements between DST SERB and European Research Council (ERC), Dr. Thondamal recently visited Pasteur Institute, Paris, to establish a *C. elegans* facility to conduct research work on role of mitochondrial morphology regulators in *C. elegans* aging and stress. In a close association with Mitochondrial Biology research group (headed by Dr. Timothy Wai) at Pasteur Institute, Dr. Thondamal is working on genes which regulate mitochondrial fusion and fission process and how alterations in mitochondrial dynamics affects health and lifespan of an organism.

Molecular links between nutrition, reproduction and aging

Long chain fatty acids have various functions in metazoan physiology. Fatty acid transporters localize to sub- cellular compartments upon certain stimulus like insulin. Expression of these proteins changes with age. This in turn may affect fatty acid metabolism and thus have a role in age related conditions. Further research is required to understand the role of lipid metabolism in aging and the contribution of fatty acid transporters. The research gaps that we would like to address are: What are the functions of fatty acid activation proteins in *C. elegans*? How do they affect *C. elegans* lifespan? How do they affect lipid metabolism (intracellular TAG formation, free fatty acid accumulation, etc.)? Do these proteins contribute to energy homeostasis by altering the mitochondrial function? Is aging a function of lipid metabolism? Can lipid metabolism be controlled to preserve health and longevity in aging?

Research Group of Dr. Writoban Basu Ball

Thrust areas

- Role of mitochondria in eliciting innate immune responses against infectious diseases using murine macrophage and *Leishmania donovani* as model system
- Exploring the biology of mitochondrial contact sites in trafficking phospholipids and its effect on mitochondrial disorders and ageing process

Description on research – Dr. Writoban Basu Ball, Dept. of Biology

- **Functional characterization and regulation of 'Mitochondrial Membrane Contact Sites' with special emphasis on phospholipid transport**: Mitochondria establish contacts with other organelles like endoplasmic reticulum (ER) and vacuole, through membrane contact sites (MCSs). Although initial molecular characterization of these MCSs has been achieved, their mode of regulation and functional significance on mitochondrial physiology, as well as, on overall cellular physiology, is not properly understood. In our research, we will use the yeast, *Saccharomyces cerevisiae*, as a model organism to uncover: 1) How these contact sites are regulated temporally, spatially and under different nutrient conditions, and 2) What is the functional significance of forming these contact sites? Are these required for transporting molecules from or into mitochondria? We will specifically investigate the role of these contact sites, if any, to the trafficking of mitochondrial phospholipids. We will employ cell biological, biochemical and molecular biological techniques to identify and characterize the structural and functional significance of MCSs, as well as, the phospholipid carrier pathways to and from mitochondria.
- **Role of mitochondria in innate immune response in host-pathogen interaction:** Innate immune response is a central defense mechanism against invading pathogens. Of late, mitochondria have been identified as a hub for signaling molecules in innate immune response and they also actively participate in

downstream effector responses. Mitochondria have also been found to contribute to innate immune activation following infection, cellular damage, and stress. In addition to their functions in metabolism and programmed cell death, mitochondria appear to participate as a central platform in the innate immune system. We will investigate the roles played by mitochondria in eliciting innate immune responses in host-pathogen interactions using *Leishmania donovani* and murine macrophages as a model pathogen and host, respectively.

Research Group of Dr. Imran Pancha

Trust areas

- Understanding the role of checkpoint kinase Target of rapamycin (TOR) in the accumulation of energy reserved molecules in microalgae. The research will help to develop sustainable algal biomass for biofuel production.
- Uncoupling the growth and TAGs accumulation in microalgae using a chemical genomics approach
- Understanding the role of phycospheric bacteria on algal growth and immunity. Identifying the beneficial bacteria enhancement of biomass and bio-products in microalgae.

Description on research

Algal Biotechnology

Our primary research focus is to produce renewable energy from microalgae. Microalgae are photosynthetic organisms and recently considered to be excellent bioresource to produce biofuel due to their high photosynthetic rates and ability to accumulate TAGs/starch. Generally, microalgae accumulate these energy reserve compounds under stress conditions such as nitrogen starvation (Pancha et al. 2014). Such stress condition usually results in lower biomass production. Therefore, our main aim is to uncouple the growth and accumulation of TAGs/starch in the microalgae. We are optimizing culture conditions to improve the growth and accumulation of TAGs/starch content in microalgae. We are also applying various chemical modulators to mitigate stress and enhance the growth of microalgae. Another interest of our research group is to develop an integrated microalgal biorefinery to produce high-value compounds like phycobiliproteins, carotenoids along with biofuel and biofertilizers from microalgae (Pancha et al. 2016). Apart from this, we are also interested in understanding algal-bacterial interaction, particularly isolating and characterizing the microalgae associated bacteria and finding their role in growth enhancement and inhibition. In a parallel, we are working to understand the molecular mechanism behind the accumulation of carbon reserved molecules like TAGs/starch in microalgae. To identify this, we are utilizing model microalgae *Cyanidioschyzon merolae* and *Chlamydomonas reinhardtii*. Mainly we are interested to understand the role of TOR signaling in photosynthetic organisms. Recently we have

shown that TOR is involved in starch and TAGs accumulation in microalga *C. merolae* (Fukuda and Hirasawa et al. 2018, Pancha et al. 2019). We are utilizing various biochemical and molecular genetic tools to understand TOR signaling in microalgae.

Research Group of Dr. Sutharsan

Thrust areas

- Developing a method to discover novel CRISPR-Cas silencing proteins. This work is funded by the DST-INSPIRE faculty program: 2020 – 2025 (35 lakhs)
- Exploring the biology of Jumbo-bacteriophages and engineering them for phage therapy applications
- Carrying out research to uncover the molecular mechanisms underlying Bacterial cell organization

Description on research – Dr. Sutharsan, Dept. of Biology

Our laboratory is interested in understanding the fascinating biology of bacteria, bacteriophages, and their interaction. We are an experimental biology lab and we use a range of approaches including fluorescence microscopy, classical genetics, CRISPR-Cas tools, and biochemistry to address our questions. Some of the research areas we are currently focusing are given below.

Discovery of novel CRISPR-Cas silencing proteins (DST-INSPIRE project)

The CRISPR-Cas genome defense systems of bacteria has been developed as a revolutionary technology for targeted gene editing at an unprecedented scale. However, the technology suffers from a major limitation due to its off-target effects. Anti-CRISPRs, which are naturally existing small protein inhibitors of CRISPR-Cas, are widely used for controlling CRISPR-Cas off-target effects. Due to its 'safe gene editing' applications, anti-CRISPRs are promising and their discovery is an active area of research. The project involves discovery of novel anti-CRISPRs capable of inactivating specific CRISPR-Cas proteins and characterizing their mechanism of action. Towards this goal, we will employ metagenomics, genetics and biochemical approaches. Our research will open new possibilities in the field of CRISPR-Cas technology.

Understanding the biology of 'Jumbo-bacteriophages'

Jumbophages are a class of bacterial viruses with exceptionally large (>200 kb) genomes. These phages exhibit a lifestyle that is very distinct from other phages. Two lines of evidence support this view: (a) Jumbophages encode a tubulin-like cytoskeletal protein (PhuZ) which is involved in centring of phage DNA and mediates cargo transport; (b) Jumbophages construct a proteinaceous shell structure, which we have recently shown to be necessary for protecting phage DNA from immune systems like the CRISPR-Cas (Mendoza SD., et al. 2020). Strangely, the jumbophage shell behaves like a eukaryotic nucleus i.e., replication and transcription of phage DNA

occur within the shell; phage mRNAs are exported out of the shell for translation; phage proteins, translated by the cytoplasmic ribosomes, are then selectively imported into the shell. How these processes, which are typical of eukaryotes, evolved in a virus is a complete mystery. We are interested in solving some of the mysteries of jumbophages by strategically identifying and studying novel genes that are important for jumbophages life cycle. We foresee that understanding of the life cycle of jumbophages will shed light on how living cells are organized and will improve our ability to use these phages for biotechnological applications (phage therapy, gene delivery, synthetic biology).

Uncovering the molecular mechanisms of Bacterial Cell Organization

If we open a bacterial cell and look inside, would we see any organized structures? For a long time, scientists thought that bacterial cells lack internal organization and are mere "bags of free-floating enzymes". This view, which stemmed from the scarcity of membrane-bounded organelles, has completely changed in recent years. We now know that bacterial cells have an intricate intracellular organization with proteins, mRNAs, and lipids distributed in organized patterns. Thus, bacteria are the inventors of "organization without organelles". The biological basis for the cellular organization in bacteria is only beginning to be understood. We have previously explored the organization of bacterial cell poles by studying the mechanism of polar targeting of the phosphotransferase system (PTS) in E. coli (Govindarajan S., et al. 2013, Govindarajan S., et al. 2018). We also uncovered the mechanism by which the SecA-dependent secretion system mediates membrane targeting of the bacterial actin homolog, MreB (Govindarajan S., et al. 2017). Currently, we are investigating novel filament-forming proteins in bacteria and uncovering their functions in cell organization.

7. Department of Physics (PHY)

The Department of Physics carries out forefront research in the emerging areas like fabrication two-dimensional (2D) materials and their electronic devices, applied photonics and optical communications, piezoelectricity and ferroelectricity, high-k dielectrics, thermoelectric devices, molecular electronics, energy saving smart coating, transparent conductor, Nano-coating, phase change materials, next generation photovoltaic devices, Quantum Mechanics (DFT)/Machine Learning Approach, theoretical identification of catalyst, solar materials and energy applications. The departmental faculties are also involved in the project on renewable energies and supercapacitors.

The following are the research areas where the students and faculty members are actively engaged:

Faculty Name	Area of Research
Dr. Ranjit Thapa	Quantum Mechanics/Machine Learning Approach; Catalyst; Solar Materials; Eletrode Materials
Dr. Goutam Kumar Dalapati	Renewable energy and smart coating Nanotechnology Materials integration and devices. Transparent electrode
Dr. Sabyasachi Mukhopadhyay	Optoelectronic Materials Molecular Electronics Atomic Force Microscopy
Dr. Jatis Kumar Dash	Fabrication of two-dimensional (2D) layered transition metal dichalcogenides, oxides and MXenes for flexible electronic device application, energy storage and topological insulators.
Dr. Gangi Reddy Salla	Scalar and vector optical vortex beams Free space optical communication Polarization speckles
Dr. Pranab Mandal	Multifunctional materials, Piezoelectrics and ferroelectrics Magnetoelectric multiferroics
Dr. Laxmi Narayana Patro	Solid state ionics, Materials for solid state batteries and chemical sensors, Nonlinear conductivity
Dr. Mallikarjuna Rao Motapothula	CO2 reduction reactions, Real time Mass Spectroscopy and its applications, Ion beam analysis and modification, Functional oxide thin films.
Dr. Soumyajyoti Biswas	Statistical physics, complex systems, machine learning Fracture, breakdown and earthquakes
Dr. Siddhartha Ghosh	Surface and Interface

8. Department of Chemistry

The following are the research areas where the students and faculty members are actively engaged:

Research Group of Dr. S. Mannathan

The development of new methodologies to prepare biologically important molecules is an important scientific challenge in organic synthesis. Particularly, the synthesis of nitrogen containing five and six membered heterocycles such as indoles, lactams, pyrroles, imidazoles, pyridines, pyrimidines, isoquinolines, isoquinolones, and pyridines, are highly demanding because they exit in many natural products, inhibitors, organic dyes and pharmaceutical agents. In addition to the synthesis, tailoring the properties of such molecules would also be highly interesting because, sometimes, it could lead to highly active potential molecules. In this regard, our group works on "Metal-Catalysed New Annulation and Cross-Coupling Reactions" to synthesize and functionalize various biologically active compound. Despite a lot of methods available to prepare these scaffolds, an environmentally friendly, step and atom economical approach, are always highly desirable. Particularly, the enantioselective annulation and cross-coupling reaction via C-H bond activation are rarely studied, and we are currently focussing on it.

Trust areas

- Metal-catalysed organic transformation reactions
- Asymmetric synthesis
- Multi component reactions
- Metal-free organic reactions

Research Group of Dr. Mahesh Kumar Ravva

Dr. Ravva research activities are directed towards the application of a range of computational methodologies to study challenging problems in field of organic electronics and photonics. He is particularly interested in design and reengineering of organic/polymer materials and study their structural, electronic, optical and interfacial properties. His research work focuses on establishing chemical structure, electronic properties, morphology and device performance relationships by understanding the number of fundamental issues like charge generation and charge transport in organic materials. Apart from these, he is also interested to understand the stability and reactivity of reactive intermediates, locating precise transition states for complex chemical reactions, kinetics, and thermodynamics aspects of chemical reactions by collaborating with experimental colleagues.

Trust areas

- Design and Development of organic materials for energy storage applications

- Probing the weak interactions in molecules and materials using computational methodologies
- Modelling complex reaction mechanism and locating the transition states

Research Group of Dr. Sabyasachi Chakrabortty

Our group focuses on collective understanding, tailoring and controlling the interfaces between biological systems and inorganic nanocrystals for practical applications as well as fundamental studies. This requires progress on few parallel tracks, including: protein-based ligand design and characterization, functional nanoparticles design and their assembly behaviour, structural and optical characterization, chemical interactions of nanoparticles with biological systems, diagnostics and therapeutics purposes together with imaging and sensing.

Trust areas

The major research interest of our group includes,
• Functional Nanomaterials for Theranostic Applications.
• Sensing Bio-relevant Entities with Nano-carbon materials.
• Synthesis of Metal-Semiconductor Hybrid Nanomaterials for Multi-modal Applications.
• Understanding the Fundamentals of Controlled Assembly with Inorganic Nanocrystals, i.e., Polymerizations at Mesoscale.

The research tools in which our primary focuses are as follows: Synthetic metal-ligand chemistry and inorganic nanoparticle synthesis; NMR, MALDI; Light scattering techniques; TEM and SEM; Optical spectroscopy; FT-IR; XPS; Cell viability; Cell imaging; Photodynamic therapy; Photothermal therapy.

Research Group of Dr. Nimai Mishra

Dr. Mishra's research group focuses on the High-temperature colloidal synthesis of different shapes and compositions of semiconductor and perovskite nanocrystals, such as seeded core/shell nanorod, nanotetrapods, and nanowires. Thereafter characterization of those particles under TEM, SEM, UV-Visible, PL and X-ray diffraction technique and study their assemblies in solutions and on substrates. We are also interested in a study of single particle Fluorescence blinking properties and moreover use of those particles in the making of efficient optoelectronic (Light emitting diodes, Solar cell, Photodetector) and for thermoelectric (TE) devices.

Research group of Dr. Pardha Saradhi Maram

Dr. Pardha Saradhi Maram research focuses on energy conversion and environment protection, through the development of advanced mixed metal oxides for pollution control catalysts, battery electrodes, and white-emitting luminescent materials for Solid State Lighting. In my laboratory, we routinely characterize a variety of materials and extract critical parameters including formation enthalpy, surface/interface energies, and the mixing properties of metal oxide solid solutions etc. The thermochemical parameters we measure in our laboratory connects microscopic features of structure and bonding to macroscopic thermodynamic behavior in ceramics, and other complex materials. These parameters will help in formulating new chemistries/materials by understanding the stability, compatibility and the factors governing the performance enhancement.

Trust areas

- Design and development of cathode materials for Li-ion and beyond Li-ion batteries
- Fabrication of large scale thermal barrier coatings for aerospace applications
- Development of nitride and oxynitride photoluminescent materials for solid state lighting applications
- Transition metals based mixed oxides as emission control catalysts for diesel and gasoline engines

9. Department of Mathematics

The Department of Mathematics is actively engaged in the broad spectrum of both areas of applied and pure mathematics. Starting from the computational number theory to fuzzy logic and fluid flow stability and the network of graphs, the department thrust areas covers almost all major field of mathematics and allied science. To be precise, we have developed the numerical schemes for studying the images using Cahn-Hilliard equation borrowed from material science engineers. Moreover, the department is engaged in developing finite element and finite volume based methods that are helpful for the Biochemistry researchers. We have investigated the theoretical prediction for the perturbation and spectral properties of certain diagonalizable operators and behavior of the dynamical system, where the prediction becomes difficult if there is sensitive dependence on initial conditions. In more abstract sense we have studied the annular representation categories for particular examples of rigid C*-tensor categories and their approximation properties. The department is now working on to the collaboration with other departments to the sustained level of excellence for diverse academic areas through the utilization of accomplishment of other department faculties.

The following are the research areas where the students and faculty members are actively engaged:

Thrust areas

- Numerical solution of partial differential equations
- Hydrodynamic Stability
- Modelling for Partial Differential Equations based Image processing problems.
- Rigid C*-tensor categories and their annular representations,
- Spectra of Resistance matrices of Graph
- Diagonalization of AM operators
- Computational Number Theory.
- Fuzzy logic & Fuzzy systems,
- Harmonic Analysis
- Topology
- Fixed point theory.
- Discrete Dynamical Systems
- Mathematical Analysis.
- Mathematical Education.
- Geometry of Banach Spaces.
- Study of nonlinear elliptic and parabolic equations.

Description on research

Dr. V. Kannan: Continuous maps from the Real line to itself, are viewed as Dynamical Systems. The order-patterns of trajectories, group-conjugacy-classes, links with formal languages, etc. are under investigation by several teams in the world. Our contribution in these areas include: (1) Hasse diagram of forcing relation among orbit-patterns (2) Some combinatorial problems arising in the study of their equivalence classes (3) Deeper study of simpler dynamical systems (4) Sets of periodic points.

Two sample theorems:

There are exactly 15 orbit-patterns for real homeomorphisms; they occur in exactly 36 packages.

In some curious ways, 4 lies between 2 and 3 in Real Dynamics. For instance: A 3-cycle forces uncountably many orbit types. A 4-cycle forces countably infinitely many orbit types. A 2-cycle forces only finitely many (in fact, only two).

Dr. Vijaysekhar Chellaboina: My research contributions in linear and nonlinear dynamical systems and control are documented in over 150 journal and conference publications. I am the coauthor of the book Hierarchical Nonlinear Switching Control Design with Applications to Propulsion Systems (New York: Springer-Verlag, 2000). My current research focuses on nonlinear robust and adaptive control, hybrid and impulsive systems, nonnegative systems, time-delay systems, and analysis and control for biological and physiological systems.

Dr. Jesse Ira Deutsch: My main results to date include alternative demonstrations of Gotzky's and Cohn's Theorems on sums of four squares for $\mathbb{Q}(\sqrt{5})$ and $\mathbb{Q}(\sqrt{2})$. Gotzky's theorem states that all totally positive integers in $\mathbb{Q}(\sqrt{5})$ have a representation as the sum of four squares of integers from the field. For Cohn's result, the statement is that there is such a representation when the totally positive integer has an even coefficient on the radical term. In future directions, one may search for other non-classical quaternary quadratic forms that can be shown to be universal over a quadratic field. In general, I am interested in applications of quaternions and Geometry of Numbers techniques to analyzing number theoretic problems in new ways. Special rings of quaternions will undoubtedly yield insights for quadratic forms over the rational integers and other low discriminant number fields.

Dr. Jaysree Subramanian: My research in Mathematics Education focuses on socio cultural aspects. I have carried out curriculum research, produced teaching learning material and published in this area over the last 15 years. Gender difference in performance in Mathematics education is a well-studied area though there is very little work coming from India. This is because of the diversity and complexity of the Indian Education scenario. One of the questions that I have just initiated is to understand the nature and the reasons for under representation of girls from India in International Mathematics Olympiad. I am working towards a project proposal which will be done in collaboration with Homi Bhabha Centre for Science Education. At the present moment we are going through some data which will help in writing the research proposal. The other area where I had just started some work is to understand the mathematical knowledge involved in weaving. I initiated some discussions with weavers in Mangalagiri and also started working on a paper that foregrounds the importance of Ethnomathematics for School Education.

Dr. Jadav Ganesh: Diagonalizable operators are of interest because those are easy to handle, their eigenvalues and eigenvectors are completely known, spectrum is just the closure of the set of all its diagonal entries. Thus the task of finding the classes of diagonalizable operators on a Hilbert space is an extremely important one. The spectral theorem for compact self-adjoint operator ensures that every such operator is diagonalizable. Recently, we have proved that positive Absolutely minimum attaining operators are diagonalizable. Next we want to investigate for perturbation and other spectral properties of this class of operators.

Dr. Fouzul Atik: Researchers have introduced several matrices associated with a graph to model some real life problems and study graph theoretic properties. During my PhD I have worked with Prof. Pratima Panigrahi on the distance matrix and distance signless Laplacian matrix of a graph. There I have worked on distance spectral radius of k-partitioned transmission regular graphs, distance spectra of distance regular graph and graphs with few distinct distance eigenvalues. Also we have worked on spectral radius of a non-negative matrix and applying these result we found we find upper and lower bounds for the distance and distance signless

Laplacian spectral radius of graphs and obtain the extremal graphs for these bounds. In this area I have few more problems which I want to do in future. In a paper with Prof. Bapat and Dr. Rajesh Kannan we have considered a weighted tree T on n vertices with edge weights are square matrix of same size. We have established a characterization for the trees in terms of rank of (matrix) weighted Laplacian matrix associated with it. Next we have concentrated another significant matrix which is resistance matrix associated with graphs and found many result associated with it. In another paper as a single author I have found eigenvalue localization theorems for stochastic matrices and gave a suitable example to compare with the existing results.

Dr. Sayantan Mandal: I have focused on one of the Fuzzy Inference Systems called Fuzzy Relational Inference (FRI) systems that are based on an implicational interpretation of fuzzy rules and have studied their differing capabilities like Interpolativity, approximation capability, robustness, monotonicity and efficiency. We have shown the conditions under which such FRIs are eligible choices in fuzzy controllers. I am also working on how these inference mechanisms behaves when we use more generalised versions of the fuzzy logic operations. Moreover, these inference mechanisms need to be studied with various modifications of fuzzy sets, so that more uncertainty can be handled.

Dr. Vijaykrishna Rowthu: Problems in Image processing are awaiting PDE based treatment which can incorporate physics motivated phenomena. Binary image inpainting is one such problem that has been solved using phase-transition phenomenon which occurs in binary-alloy separation. Similar method has the scope for extending it to grayscale and color images, as well. Also, Variational calculus based global-simultaneous Tractography for human brain white matter against Euler and R-K schemes, is in development. It is strongly believed that this approach to overcome the issue of false fibers that are currently being shown in the latest softwares related to MRI Tractography. Computation of Geodesic centers for regions of complex boundaries is being carried out using optimization techniques.

Dr. Tapan Kumar Hota: The primary focus of my research is to analyzing the abstract mathematical structure of the unsteady partial differential equations that arise in different classical fluid flow phenomenon in porous media. Precisely, I am studying a particular type of hydrodynamic stability phenomenon known Saffman-Taylor instability, which is also known as viscous fingering. This instability has direct influence in oil recovery and separation of chemical composition, to name a few. Mathematically, this type of instability possesses some interesting challenges such as due to time-dependent linearized system one need to see Sacker-Sell spectrum, rather than Lyapunov spectrum, which are the characteristics to determine the stability of autonomous linearized system. Further, a robust numerical approach and extension of existing semi-group theory are the need of the hour for this type of non-autonomous dynamical system. Moreover, my work requires the knowledge of

Numerical linear algebra, Functional analysis & Parabolic-Elliptic partial differential equations.

Dr. Sivaramakrishnan

Let $\mu > 0$. We wish to find conditions on g ∈ L^2(R, |u|^{ 2μ} du) and on $a, b > 0$ such that the collection $\left\{T_{\{am\}}^{\{\mu\}} M_{\{bn\}}^{\{\mu\}}\left(e^{\{-u^2\}}\right) \in m, n \in \mathbb{Z}\right\}$ forms a frame for L^2(R, |u|^{ 2μ} du) where $T_{\{am\}}^{\{\mu\}}$ is a Dunkl translation and$M_{\{bn\}}^{\{\mu\}}$ is a Dunkl modulation operators on L^2(R, |u|^{ 2μ} du). We call this frames as Dunkl-Gabor frames.

For $\mu = 0$, the above operators reduce to translation operator $T_a f(u) = f(u - a)$nd modulation operator $M_b f(u) = e^{ibu }f(u)$ on L^2(ℝ, du) and they are unitary operators on L^2(ℝ, du) . In contrast to the case on $L^2(R, |u|^{2\mu} du)$ the operators $T_{\{am\}}^{\{\mu\}}$ and $M_{\{bn\}}^{\{\mu\}}$ are not unitary on L^2(R, |u|^{ 2μ} du) . They are just bounded operators.

Gabor analysis helps us to represent a function L^2(ℝ, du) in terms of $\{T_{\{am\}} M_{\{bn\}} g : m, n \in \mathbb{Z}\}$for some fixed function on $L^2(\mathbb{R}, du)$. The basic idea of frame is given by Gabor with $g = e^{-u^2}$.Daubechies, Grossmann and Meyer connected the Gabor analysis to the frame theory . Presently it is well-known as the theory of Weyl-Heisenberg frames or theory of Gabor frames on L^2(ℝ, du).

Dr. B. Madhav Reddy: Rigid C*-tensor categories have become important in recent years as descriptors of generalized symmetries appearing in non-commutative analysis and mathematical physics. In operator algebras, they are closely connected to the standard invariants of finite index subfactors, and appear as the representation categories of compact quantum groups.

An important algebra associated to a rigid C*-tensor category C is the tube algebra AC, first introduced by Ocneanu. In the fusion case, this algebra has long been known as a useful tool for understanding the Drinfeld center, while its importance in the case when C has infinitely many simple objects has recently emerged. The tube algebra admits a universal C*-algebra, hence has a well-behaved representation category. This category provides a useful way to describe the analytic properties of rigid C*-tensor categories, such as amenability, the Haagerup property, and property (T). These properties were first introduced by Popa in the context of subfactors and generalized to rigid C*-tensor categories by Popa and Vaes. This category also provides a representation-theoretic characterization of the category Z(Ind- C), introduced by Neshveyev and Yamashita to provide a categorical understanding of analytic properties. In a different direction, the annular representation theory of Temperley-Lieb-Jones categories has proved very useful in the classification of small index subfactor planar algebras.

An important problem is to find concrete descriptions of these large representation categories in terms of representation categories of more familiar C*-algebras such as group C*-algebras. There are many procedures for producing new rigid C*-tensor categories from old ones, such as Deligne tensor product, equivariantization, G-

graded extensions, etc. A natural question is, if we understand the annular structure of our starting categories, can we describe the annular representation category of the one we have produced?

Dr. Subashree Mohapatra: Software development: From November 2016 to October 2017, I contributed towards software development for analytical centrifugation using my extensive expertise in Finite element method and Finite Volume Method for Lamm equation at the University of Texas Health Science Center San Antonio (UTHSCSA), San Antonio, USA. My contributions for developing a finite element method for multi-speed analytical ultracentrifugation experiments have been added to UltraScan III software (Beckman Coulter, USA) and resulted in a research publication. This software is extensively used in the Biochemistry research community, which is based on numerical solutions of Lamm equations and is in queue for Food and Drug Administration (FDA, USA) approval for biomedical applications.

Numerical schemes for optimal control problems: Starting May, 2015 to June, 2016, I worked on optimal control theory in the Department of Mathematics at University of Florida, Gainesville, USA where I developed convergence theory for hp Gauss and Radau schemes for constrained control problems.

Numerical schemes on Least-squares spectral element method: For my doctoral dissertation I designed a least-squares spectral element method for solving Stokes equations (2D) in primitive variable formulation with corner singularities and implemented on distributed memory based parallel computers. Further, I worked at the Supercomputer Education and Research Center, Indian Institute of Science (IISc.), Bangalore, India and IIT Bhubaneswar, India (2013-2015) as a Postdoctoral scientist on Least squares spectral scheme for 3D Stokes equations, Oseen equations, and Navier-Stokes equations. Further I collaborated with my colleagues to develop least squares spectral element method for three dimensional elliptic interface problems.

Dr. Firdoshi Parveen: The interplay of geometry and analysis is perhaps the most fascinating aspect of complex function theory. The theory of univalent functions is concerned primarily with such relations between analytic structure and geometric behaviour. The theme of our work are functions meromorphic and univalent in the unit disc with a simple pole at a point p in the interval (0,1). Likewise, the class of analytic univalent functions, subclasses of meromorphic univalent functions with additional geometric attributes were considered in an attempt to get closer to the functions of these classes. We have introduced a subclass of the above class that is defined by some differential inequalities. We presented some basic results such as obtaining characterization and finding necessary and sufficient coefficient conditions for functions to be in that class. We also obtained a sharp estimate for the Fekete-Szegö functional defined on the newly defined class along with a subordination result for functions in this family. For such classes, we have studied several types of coefficient problems which is one of the important problems in geometric function theory. Few coefficients problem we have solved completely and few in a part. Analogous to

Beiberbach conjecture, we have proposed a conjecture about the of Taylor coefficients for functions of this class. We are able to prove this conjecture affirmatively for p in (0,1/3). So, in the remaining interval i.e. in (1/3,1), it is still an open problem. Thus, I want to try this interesting research problem in the future. Also, the generalized Goodman conjecture is not completely solved for this class. Therefore, these is also a problem for future research. We have determined the bound of some initial Laurent coefficients for functions in this class under some special restriction and presented a conjecture about the estimates of the Laurent coefficients. So, in the future, I want to try to solve this conjecture.

Dr. Partja Sarathi Patra: The uncertainty principle in Harmonic analysis is the fact that a function and its Fourier transform cannot be localized simultaneously. Lakey and Hogan generalized the Hardy's theorem (a qualitative uncertainty principle) by considering the decay of f and $\hat{f}$ along arbitrary rays in the plane $\mathbb{C}$. We give an alternative proof of Lakey and Hogan's theorem by using Hermite semigroup. The proof using Hermite semigroup is relatively simpler. This idea of using Hermite semigroup helped us to do a further generalization of Lakey and Hogan's theorem by replacing the Fourier transform with Dunkl transform associated to the reflection group $\mathbb{Z}_2^d$ in $\mathbb{R}^d$. We give a version of Hardy's theorem for rotation by assuming the decay in the Hermite coefficient.The fact that support of a non-zero function f and the support of its Fourier transform $\hat{f}$ both cannot be very small simultaneously, is known as Benedicks theorem. This is a qualitative uncertainty principle of Fourier transform. We are interested in uncertainty principle for Weyl transform, a closed relative to the Fourier transform.

Dr. Ranjana Mehta: Given $\boldsymbol{e}$ (embedding dimension), is it true that for all symmetric numerical semigroups with embedding dimension $\boldsymbol{e}$ the number of minimal relations is a bounded function of $\boldsymbol{e}$, is an open question. In 1970, Herzog proved that the number of minimal relations for a symmetric numerical semigroup of embedding dimension $\boldsymbol{e = 3}$ is $\boldsymbol{2}$. For $\boldsymbol{e \geq 4}$ it is still not known whether the cardinality of a minimal presentation of a numerical semigroup Γ with embedding dimension e is a bounded function of $\boldsymbol{e}$. It was proved in 1975 and 1979 respectively, that, for $\boldsymbol{e = 4}$and for certain cases in $\boldsymbol{e = 5}$ the symmetry condition on the semigroup imposes an upper bound on the cardinality of a minimal presentation of a numerical semigroup Γ with embedding dimension $\boldsymbol{e}$. In fact, using the results obtained by Bresinsky (1975), Herzog (1970) and Rosales (1996,1998), one can compute the cardinality of minimal presentation of symmetric numerical semigroups with multiplicity $\boldsymbol{m \leq 8}$. This remains an open question in general, whether symmetry condition on the numerical semigroup $\boldsymbol{e \leq 5}$ imposes an upper bound on the cardinality of a minimal presentation of a numerical semigroup $\boldsymbol{\Gamma}$.The effort to understand the aforementioned question has led us to the construction of a class of numerical semigroups of embedding dimension $\boldsymbol{e \leq 4}$ by a method named as the "*concatenation of two arithmetic sequences*". This method has given three distinct classed

of numerical semigroups. Currently I am studying the all the above mentioned open question for these classes of numerical semigroups.

Dr. Ram Baran Verma: I am interested in the investigation of non-divergence form of elliptic and parabolic equations. The investigation comprises of existence, uniqueness, and regularity properties of solutions to the above equations. As far as the existence and uniqueness are concerned. My interest is to study the existence of positive solutions to equations having singular nonlinearity in the dependent variable, superlinear growth in the gradient, and superlinear growth in the dependent variable. In this continuation, recently we have established the existence of positive solutions equations having singular nonlinearity in the dependent variable and superlinear growth in the gradient. Currently, one of my interests is to investigate the boundary behavior and regularity properties of the solutions established above. Secondly, I am also interested in the existence of multiple solutions to certain nonlinear elliptic equations having singular nonlinearity.

In the context of regularity, my interest is to study the regularity properties of solutions to certain degenerate elliptic and parabolic equations. Our results also involve the optimal regularity results to certain subelliptic equations under the minimal assumptions on the boundary and other data in the Carnot group.

Dr. M. Radhakrishnan: Recently, we have introduced the notion of k-strongly convex Banach space, which is precisely reflexive, k-strictly convex and Kadec-Klee property. Using the idea of k-dimensional diameter, we give several characterizations of k-strongly convex Banach space. Currently, I am interested to study k-strict convexity and k-strong convexity in some product spaces.

Dr. Saswat Adhikari: My area of interest is frame theory. Frames were introduced by Duffin and Schaeffer in connection with the study of non-uniform sampling of bandlimited functions. Later, the theory of frames has been applied in various fields such as mathematical physics, mathematical sampling theory, time frequency analysis, and wavelet theory. The redundancy property of frames makes them applicable in other various fields such as digital signal processing, digital image processing, communication engineering and so on. Shift-invariant spaces play an important role in modern analysis for the past two decades because of their rich underlying theory and it serves as a universal model for a sampling problem. Characterizations of frames and Riesz bases were studied by many authors in different spaces. We studied frames in twisted-shift invariant space and shift-invariant space on the Heisenberg group. As an application, we obtained a sampling formula in twisted shift-invariant space.

Another area of my research interest is Dunkl theory. The theory of Dunkl operators in the study of special functions with reflection symmetrices is very young. In recent years, such operators have found considerable attention in various branches of Mathematics and Mathematical Physics. These operators were first introduced by C.

F. Dunkl. Dunkl operators are generalization of usual partial derivatives associated with a finite reflection group on the Euclidean space. There is an analogue of classical Fourier transform in the Dunkl setting, commonly known as Dunkl transform. Dunkl transform enjoins similar properties to that of classical Fourier transform. Hence it is natural to extend the results of classical Fourier analysis in the context of Dunkl operator. The classical Sobolev inequality plays an important role in analysis and as such it has been studied by many. Recently, we proved the existence of an extremal for the Dunkl-type Sobolev inequality in the case of p=2. Also we proved the existence of an extremal of the Stein-Weiss inequality for the Dunkl Riesz potential in the case of r=2.

Dr. Awanish Tiwary: My interest is to Compute convolutions accurately and efficiently using Fourier series and utilizes it to solve the scattering problems. I have proposed an algorithm to compute the solution of the acoustic and electromagnetic scattering problems from an anisotropic inhomogeneous medium when the medium density is uniform. Our next aim is to compute the solution when density is discontinuous across the interface. An efficient and high-order algorithm to compute the electromagnetic scattering by an orthotropic medium.

10. Department of Environmental Science (ENV)

Research activities in the Department of Environmental Science look at various aspects of Human – Environment interactions. Our research areas include carbon biogeochemistry of freshwater aquatic systems, energy production and nano-catalyst synthesis, techno-economic analysis, solid waste management, etc. With this broad spectrum of research areas, we provide a unique platform for the students to look at today's most important societal needs.

The following are the research areas where the students and faculty members are actively engaged:

Research Group of Dr. Shoji D. Thottathil

Trust areas

- Carbon biogeochemistry of tropical inland water
- Carbon dioxide and methane emissions in streams, and rivers, and reservoirs
- Dissolved organic matter dynamics across aquatic continuum

Description on research

Our research group focuses on the biogeochemistry of aquatic ecosystems to understand the patterns and drivers of carbon cycling in inland waters (streams, rivers, lakes, reservoirs, and estuaries). We look at dissolved organic matter (DOM) cycling and emissions of carbon dioxide (CO_2) and methane (CH_4) in response to changing hydrology, climate change, and anthropogenic activities (agriculture, urbanization, etc.). Methane being a highly potent greenhouse gas (34-times more

global warming potential than CO_2) and that freshwater aquatic systems are significant natural CH_4 sources, we are particularly interested in the processes regulating the inland water CH_4 emissions. Our research attempts to delineate the regulation of rates and pathways of CH_4 production, oxidation, and different modes through which CH_4 is transported from inland waters to the atmosphere (bubble and aquatic plants-mediated, and diffusive pathways) at local to regional scales. Under the research project sanctioned by the Science and Engineering Research Board (SERB), DST, our research program looks at the landscape-level regulation of CH_4 emissions in the Krishna River Basin.

Research Group of Dr. Karthik Rajendran

Thrust areas:

- Investigating the resources available in indian wastewaters for energy and nutrient production.
- Evaluating the economics and environmental impacts of bio-based products.
- Developing a framework for sustainable solid-waste management of Indian cities.

Description:

Our group focuses on understanding the translation of laboratory to field in various sectors including wastewater treatment, biofuels and bio-based products. We question the existence of current methods and approaches from an integrated perspective. Our approach includes technical feasibility, economic viability, and environmental sustainability. We are one of the most productive groups of the university, where we have published 7 articles and 2 book chapters in the last 1-year. Some of the products that we work on are ethanol, biogas, and power to gas.

Research Group of Dr. Lakhveer Singh

Thrust areas:

- Microbial electrochemical technology platform for energy production, wastewater treatment and carbon capture and utilization.
- Anaerobic digestion, and hybrid bioreactors development for hydrogen, biogas, and value-added chemicals production
- Nanomaterials development for water desalination, energy production, disinfection, agriculture and green chemistry.

Description:

Dr Singh's research interests lie in areas of energy and valuable products recovery during environmental processes such as wastewater treatment and reuse, water desalination, remediation, and capture, utilization, and valorization. We use

electrochemistry, nanotechnology, microbiology, and engineering tools to understand the fundamental determinant factors of the systems so as to enhance novel reactor design, operation, optimization, and create sustainable technologies for energy recovery, wastewater reclamation, resources, and carbon footprint.

11. Department of Psychology

The following are the research areas where the students and faculty members are actively engaged:

Research of Dr. Salome Divya Joseph

Thrust areas

- Positive Psychology
- Counselling Psychology
- Educational Psychology

Description on research

In the area of Positive Psychology and Promoting mental health, Dr. Salome has focused on a strengths based approach to career counselling. As part of her doctoral work she was able to develop an effective module for vocational identity development using the narrative approach. She has 10 research publications till date; **Vijaykumar, S.D.** & Lavanya, T. (2016). Orientations of High School Students and Parents towards Vocational Guidance and Counselling. *Indian Journal of Career and Livelihood Planning* was related to her doctoral work. She believes in using mixed-methods, quantitative and qualitative, while answering research questions in psychology as seen in the publication. She has also published her work on self-compassion among adolescents. (**Vijaykumar, S.D.** et al. 2018. Self-Compassion as a Foundation for the Development of Character Strengths in Adolescents. In Ed. book *Character Strengths Development: Concepts and Practices from Positive Psychology*. Sage Publications). Her current research focuses on exploring various positivist approaches to addressing mental health issues. She is also currently working on ways to integrate alternative therapies to mainstream psychology through her research.

Research of Ms. Ayesha Parveen Haroon

Thrust areas

- Educational Psychology
- Communication Apprehension

Description on research

Her research interest covers communication apprehension among tertiary level learners, construction of evaluation rubrics and behavioural assessment tests for second language learner's oral presentation. The focus of research is also to assess the

influence of affect factors in second language learning and interventions to enhance the second language acquisition process. Her recent publication: Haroon, A. and shanmugasundaram, M. (2019). Levels of Communication Apprehension among College Students. Journal of Emerging Technologies and Innovative Research, Volume 6 (Issue 1), pp.525-531

12. Department of Commerce

Dr. Shailender Singh

Trust areas

- Spillovers Between Commodities and Stock Markets among ASEAN Countries Investigating the issues in developing Efficient Treatment Plans for curing patients affected by critical diseases by using the concepts in Big Data and Artificial Intelligence.
- The Impact of Socioeconomic and Behavioural Health Determinants on Health System Efficiency of the Middle-East Region.
- Application of DEA-Based Malmquist Productivity Index on Health Care System Efficiency of ASEAN Countries

Description on research (Health Economics)

Despite the existence of different studies on the economic measurement of efficiency on health outcome in the Middle-East region, this study offers a radically different approach to efficiency evaluation based on the impact of the Socioeconomic and Behavioural health determinants framework on health outcome. Education, employment and percentage of the population living in rural area constitute socioeconomic framework formation. Prevalence of tobacco smoking and alcohol consumption formed the behavioural framework. The combination of PLS-SEM model, the DEA model and the Malmquist TFP index are used in the analysis of data. Socioeconomic and Behavioural frameworks have a positive impact on life expectancy at birth, and the impact is seen high by the former as compared to the latter. Similarly, Socioeconomic and Behavioural frameworks have a negative impact on NCDs mortality rate, and higher impact is shown by the former as compared to the latter in the model. Moreover, the DEA results indicate differences in the impact of socioeconomic and behavioural health determinants on health outcome across the Middle-East region. Finally, from the rigorous analysis of the productivity dynamics of development shows overall advances in health production from 2006 to 2017 based on Malmquist TFP index. The substantial efficiency gap is found in the region between the economically prosperous member countries and less economically buoyant per se.

13. Department of History

The following are the research areas where the students and faculty members are actively engaged:

Thrust areas

- Encouraging enquiry into the past using sound historical methodology to bust myths about Indian history and to effectively use historical sources to shed new light on hitherto unexplored and under-explored aspects of Indian and global history.
- Intervening by the means of articles and publications on historiographical debates as well as important contemporary social issues using history as an analytical tool.
- Exploring histories of gender and caste with particular reference to regional history

Description on research

Dr. Maanvender Singh (Department of History)

Key Research Areas

Social Inclusion and Indian Higher Education, State and Politics in the Post-colonial India, and Constitutional History of India.

Area of Research

The issue of Equal Access and working of caste based quota in higher education: The debate on reservation in higher education is one of the most polarizing issues in Indian politics and policymaking. It becomes much more contentious because of the absence of credible data, relating to backward class participation and representation in education institutions that could, possibly throw some light on the extent of their disadvantage in higher education. This is one of the central themes of my research, to create an understanding about the extent and nature of the under- representation of various social groups- Backward Classes (BCs), Most Backward Classes (MBCs), Scheduled Castes (SCs) and Scheduled Tribes (STs) under the reserved category in higher education in Tamil Nadu. My research maps the issue of under- representation by comparing the community- wise data on enrolment in higher secondary schools with that in higher education in the last decade. Such an approach is particularly useful in case of Tamil Nadu, where admission policy is totally dependent on higher secondary marks. My research highlights that in last one decade or so, BCs and to an extent MBCs have consolidated their performance in terms of cut- off marks and their presence in the top performers. However, it is a matter of great concern that the same policy (quota based reservation) has failed to replicate the success in the case of SC and ST. Even after nine decades of reservation SCs/STs still struggle to fill seats allotted to them, particularly in govt. and aided colleges, making a case that there is an urgent need to investigate the reasons for such different outcomes.

Dr. Malavika Binny

Area of Research: Intersections of Science and Gender in Ayurveda and native healing methods

Ayurveda is the umbrella term given to a myriad number of healing practices and medical traditions located within or associated to a sanskritic context. It is one of the very few living traditions which is a pointer to the mutability and tractability of sanskritic practices. My research involves questions of definitions and purviews of what constituted or was understood as science in the early to early modern period in South India and the transitions these definitions went through in interaction with the multiple socio-political forces at work. An intellectual history of medical science remains as an entry point into the epistemology of medical, pharmacological and botanical sciences in the Indian historical context as these were not clearly delineated till the advent of modern bio-medicine. Ayurveda provides an excellent research field to explore the history of science, its methodology, development and impact on pre-modern Indian society. The interplay of science and society, and the social and cultural repercussions of scientific advancement/progress and vice versa also form a major chunk of the research. For example, the reluctance of a large chunk of upper caste Hindu population in east and peninsular India to be vaccinated against epidemic diseases such as cholera in the 19th century or the worship of certain gods and goddess such as *Śitala* and *Māriamman* who are associated with diseases such as small pox and chicken pox can only be understood within the specificity of the socio-cultural context and their perceptions of belief, science and healing.

In the Indian context, *śāstra* (science) was couched in the language of religion and an epistemological exploration of Ayurveda opens up a world of valuable historical and scientific data. It also reveals the multiple lineages and trajectories of the school of medicine referred to as Ayurveda today including from Buddhism, Jainism, folk medicine and its constant exchange with other schools of medicine such as the Greco-Roman, Arabic and Chinese schools of medicine, the latest being with western bio-medicine/allopathy. The attempts at bio-prospecting or the extraction of medical and botanical knowledge from the East by European colonisers in the early modern period and its subsequent role in the Scientific Revolution forms another important tangent of the research and an in-depth analysis of European medico-botanical texts on Indian flora and fauna in the 16-18th centuries such as Van Rheede's *Hortus Malabaricus*, Garcia de Orta's *Colóquios dos simples e drogas da India*, Christobal Acostas's *Tractado de las drogas, y medicinas de las Indias Orientales* among many others reveal a network of asymmetrical global transfers of knowledge in the early modern period which precipitated the setting up of botany and zoology departments in universities, botanical gardens and medical schools in Europe.

Future Research

An extensive investigation comparing the fever theory used in European medical methods and that of the various kinds of *jvāra* mentioned in Ayurveda texts, is hoped to reveal the scope of epidemiology in premodern India. Similarly, an inquiry into medical ethics which is elaborated over many chapters in *Śusruta Samhita* and also in later texts such as *Yogaratnākara* could also reveal the societal perceptions about physicians and their social role in early India. A larger study which is envisioned as a three-year project, involves an exploration of the apothecary network in Western Europe, the 'go-betweens' or 'knowledge brokers' such as ship-surgeons, botanists, translators, and administrative scholars and their linkages to South Indian physicians, medicine men and herb collectors with particular reference to *Hortus Malabaricus*. The role of caste and gender in constructions of science and medical thought is also another field of enquiry which I am currently working on; especially on chapters dedicated to *Vājikaraṇa* (fertility treatment) and *Prasūtitantra* (gynaecology and obstetrics) in early and later Ayurvedic texts which not only deal with medical aspects but also about moral precepts which reinforce social hierarchies. Interestingly, the same data also deal with transgendered and intersexed persons and maybe the only historical texts which deal extensively with the group in the premodern context- which provides another avenue for research which has been taken up by me over the last few months and a further study of the same is hoped to yield more comprehensive results

Sl. No.	Details
1.	Sambasivam, S.; Maram, P. S.; Muralee Gopi, C. V. V.; Obaidat, I. M. Effect of Erbium on the Structural, Morphological, and Optical Properties of SnO2 Thin Films Deposited by Spray Pyrolysis. *Optik* 2020, *202*, 163596.
2.	Vegi, N. M.; Chakrabortty, S.; Zegota, M. M.; Kuan, S. L.; Stumper, A.; Rawat, V. P. S.; Sieste, S.; Buske, C.; Rau, S.; Weil, T.; et al. Somatostatin Receptor Mediated Targeting of Acute Myeloid Leukemia by Photodynamic Metal Complexes for Light Induced Apoptosis. *Sci Rep* 2020, *10* (1), 371.
3.	Hari Balakrishnan, M.; Mannathan, S. Palladium/Copper-Catalyzed Denitrogenative Alkylidenation and *Ortho* -Alkynylation Reaction of 1,2,3-Benzotriazin-4(3 *H*)-Ones. *Org. Lett.* 2020, *22* (2), 542–546.
4.	Dalapati, G. K.; Masudy-Panah, S.; Moakhar, R. S.; Chakrabortty, S.; Ghosh, S.; Kushwaha, A.; Katal, R.; Chua, C. S.; Xiao, G.; Tripathy, S.; et al. Nanoengineered Advanced Materials for Enabling Hydrogen Economy: Functionalized Graphene–Incorporated Cupric Oxide Catalyst for Efficient Solar Hydrogen Production. *Global Challenges* 2020, *4* (3), 1900087.
5.	Maiyelvaganan, K. R.; Ravva, M. K.; Prakash, M. Twisted Eigen Can Induce Proton Transfer at a Hydrophobic–Hydrophilic Interface. *J. Phys. Chem. A* 2020, *124* (17), 3364–3373.

6.	Sambasivam, S.; Maram, P. S.; Gopi, C. V. V. M.; Obaidat, I. M. Hydrothermal Synthesis, Crystal and Electronic Structure of a New Hydrated Borate $CsKB_4O_5(OH)_4 \cdot 2H_2O$. *mat express* 2020, *10* (4), 543–550.
7.	Gonçalves, M. D.; Mielewczyk-Gryń, A.; Maram, P. S.; Kryścio, Ł.; Gazda, M.; Navrotsky, A. Systematic Water Uptake Energetics of Yttrium-Doped Barium Zirconate—A High Resolution Thermochemical Study. *J. Phys. Chem. C* 2020, *124* (21), 11308–11316.
8.	Mishra, N.; Vasavi Dutt, V. G.; Arciniegas, M. P. Recent Progress on Metal Chalcogenide Semiconductor Tetrapod-Shaped Colloidal Nanocrystals and Their Applications in Optoelectronics. *Chem. Mater.* 2019, *31* (22), 9216–9242.
9.	Yu, Y.; Xue, N.; Xiao, C.; Ravva, M. K.; Guo, Y.; Wu, L.; Zhang, L.; Li, Z.; Yue, W.; Wang, Z. Effect of Conjugation Length on the Properties of Fused Perylene Diimides with Variable Isoindigos. *J. Mater. Chem. C* 2019, *7* (39), 12263–12269.
10.	Chauhan, D.; Hati, S.; Priyadarshini, R.; Sen, S. Transcriptome Analysis Predicts Mode of Action of Benzimidazole Molecules against Staphylococcus Aureus UAMS-1. Drug Dev Res 2019, 80 (4), 490–503.
11.	Luthra, T.; Nayak, A. K.; Bose, S.; Chakrabarti, S.; Gupta, A.; Sen, S. Indole Based Antimalarial Compounds Targeting the Melatonin Pathway: Their Design, Synthesis and Biological Evaluation. *European Journal of Medicinal Chemistry* 2019, *168*, 11–27.
12.	Chauhan, J.; Ravva, M. K.; Sen, S. Harnessing Autoxidation of Aldehydes: *In Situ* Iodoarene Catalyzed Synthesis of Substituted 1,3,4-Oxadiazole, in the Presence of Molecular Oxygen. *Org. Lett.* 2019, *21* (16), 6562–6565.
13.	Muhammad, I.; Balakrishnan, M. H.; Sasidharan, M.; Mannathan, S. Potassium *Tert* -Butoxide Mediated Aerobic Hydroxylation of Arylboronic Acids: An Application towards the Synthesis of (*E*)-Phenoxy Acrylates. *New J. Chem.* 2019, *43* (28), 11065–11068.
14.	G. K. Dalapati,* S. Masudy-Panah, R. Siavash Moakhar, S. Chakrabortty, S. Ghosh, A. Kushwaha, R. Katal, C. S. Chua, G. Xiao, . S. Tripathy, and S. Ramakrishna, Nanoengineered Advanced Materials for Enabling Hydrogen Economy: Functionalized Graphene Incorporated Cupric Oxide Catalyst for Efficient Solar Hydrogen Production, 2020, *Global Challenges*, 1900087, 2020;
15.	G. K. Dalapati, L. H. Wong, F. E. Osterloh, Research presented at Symposium P of the 10 th International Conference of Materials and Advanced Technology (ICMAT 2019), 2020, *J. Mater. Chem. A*, 8, 843-844;
16.	S. Zhuk, T. K. S. Wong, S. S. Hadke, S. Lie, A, Guchhait, Y. Gao, L. H. Wong, S. Cheng, X. Wang, *G. K. Dalapati, Molybdenum incorporated $Cu_{1.69}ZnSnS_4$

	kesterite photovoltaic devices with bilayer microstructure and tunable optical-electronic properties, 2020, *Sol. Energy*, 194, pp. 777-787, 2019;
17.	J. H. Kim, C. Hyun, H. Kim, J. K. Dash, K. Ihm, and G. H. Lee, Thickness-Insensitive Properties of alpha-MoO3 Nanosheets by Weak Interlayer Coupling,(2019) Nano Lett 19 (12), 8868-8876
18.	B2H6 splitting on catalytic surfaces and role of BH3 towards hydrogen spillover, E S Erakulan, Mathan Kumar E, Puru Jena, Ranjit Thapa, Journal of Power Sources, 2020, 455, 227973.
19.	Superior Field Emission and Alternating Current Conduction Mechanisms for Grains and Grain Boundaries in an NiO-[CdO]2 Nanocomposite, Subrata Karmakar, B. Raviteja, C. D. Mistari, V. Parey, R. Thapa, M. More, D. Behera, Journal of Physics and Chemistry of Solids, 142, 2020, 109462.
20.	Stress Induced Electronic Structure Modulation of Mnincorporated, Ni2P Leading to Enhanced Activity for Water- Splitting, Shreya Sarkar, Lakshay Dheer, C. P. Vinod, Ranjit Thapa, Umesh V. Waghmare and Sebastian C. Peter, ACS Applied Energy Materials, 3, 2020, 1271-1278
21.	Role of van der Waals interaction to enhance the photon absorption capability of MoS2/2D heterostructures, Himanshu Saini, M. V. Jyothirmai, Umesh V. Waghmare, Ranjit Thapa, Physical Chemistry Chemical Physics, 22, 2020, 2775-2782
22.	Electric Field Emission and Anomalies of Electrical conductivity above room temperature in Heterogeneous NiO-SnO2 Nano-Ceramic Composites, Subrata Karmakar, Vanshree Parey, Chetan Mistari, Ranjit Thapa, Mahendra More, and Dhrubananda Behera, Journal of Applied Physics, 127, 2020, 034102.
23.	Fowler-Nordheim Law Correlated Improved Field Emission in Self-Assembled NiCr2O4 Nanosheets, Subrata Karmakar, Vanshree Parey, Chetan Mistari, Ranjit Thapa, Mahendra More, and Dhrubananda Behera, physica status solidi (a) – applications and materials science, 217, 2020, 1900741.
24.	Structural, dielectric, electrical properties of Nd doped double perovskite ceramics and variation of density of states upon doping, Ambika Ray, Tanmoy Basu, Banarji Behera, Deepak S. Gavali, Ranjit Thapa, Pratibindhya Nayak, Materials Chemistry and Physics, 239, 2020, 122250.
25.	S. Biswas, M. Zaiser, Avalanche dynamics in hierarchical fiber bundles, (2020) Phys. Rev. E 100, 022133.
26.	S. Roy, S. Biswas, P. Ray, Failure time in heterogeneous systems (2019) Phys. Rev. Research 1, 033047.

27.	Screening of Suitable Cationic Dopants for Solar Absorber Material CZTS/Se: A first-principles study, M. V. Jyothirmai, Himanshu Saini, Noejung Park, and Ranjit Thapa, Scientific Reports, 9, Article number: 15983, 2019.
28.	Microporous Network of NiMn2O4 as Potent Cathode Materials for Electric Field Emission, Subrata Karmakar, Chetan D. Mistari, Vanshree Parey, Ranjit Thapa, Mahendra More, Dhrubananda Behera, Journal of Physics D: Applied Physics, 53, 2019, 5.
29.	First-principles identification of the origin for higher activity of surface doped carbon nanohorn: Impact on hydrogen storage, Paramita Banerjee, Ranjit Thapa, A. Rajkamal, K. R. S. Chandrakumar, G. P. Das, International Journal of Hydrogen Energy, 44, 2019, 23196.
30.	Core-composite mediated separation of diverse nanoparticles to purity, Chandra Shekar Bhatt, Bharathkumar Nagaraj, Deepanjan Ghosh, Ramasamy Suresh, Ranjit Thapa, Sreekar Babu Marpu and Anil Kumar Suresh, Soft Matter, 15, 2019, 7787-7794. IF: 3.4
31.	Charge transfer induced anomalous magnetic behavior in 2D α-Fe2O3 nanosheets grown on Graphene surface, Shatabda Bhattacharya, Diptiman Dinda, E. Mathan Kumar, Ranjit Thapa and Shyamal K. Saha, Journal of Applied Physics, 125, 2019, 233904. IF: 2.328
32.	Review on Carbon Allotropes as Anode Material for Lithium-Ion Batteries, A. Rajkamal, and Ranjit Thapa, Advanced Materials Technology, 4, 2019, 1900307
33.	M. M. Juvaid, Soumya Sarkar, Pranjal Kumar Gogoi, Siddhartha Ghosh, Meenakshi Annamalai, Yung-Chang Lin, Saurav Prakash, Sreetosh Goswami, Changjian Li, Sonu Hooda, Hariom Jani, Mark B. H. Breese, Andrivo Rusydi, Stephen John Pennycook, Kazu Suenaga, M. S. Ramachandra Rao and Thirumalai Venkatesan, Direct Growth of Wafer-Scale, Transparent, p-Type Reduced-Graphene-Oxide-like Thin Films by Pulsed Laser Deposition' ACS Nano (2020), 14, 3290−3298

34.	Mukhopadhyay, Sabyasachi and Karuppannan, Senthil Kumar and Guo, Cunlan and Fereiro, Jerry A. and Bergren, Adam and Mukundan, Vineetha and Qiu, Xinkai and Ocampo, Olga E. Castañeda and Chen, Xiaoping and Chiechi, Ryan C. and McCreery, Richard and Pecht, Israel and Sheves, Mordechai and Pasula, Rupali Reddy and Lim, Sierin and Nijhuis, Christian A. and Vilan, Ayelet and Cahen, David, Protein-Electrode Coupling Can Dominates Efficiency Without Affecting the Mechanism of Electronic Transport – Results From a Cross-Lab Comparative Study of Solid State Protein Junctions (December 27, 2019). Available at SSRN: https://ssrn.com/abstract=3510005 or http://dx.doi.org/10.2139/ssrn.3510005\
35.	Tailoring magnetic order via atomically stacking 3 d/5 d electrons to achieve high-performance spintronic devices, Ke Huang, Liang Wu, Maoyu Wang, Nyayabanta Swain, M Motapothula, Yongzheng Luo, Kun Han, Mingfeng Chen, Chen Ye, Allen Jian Yang, Huan Xu, Dong-chen Qi, Alpha T N'Diaye, Christos Panagopoulos, Daniel Primetzhofer, Lei Shen, Pinaki Sengupta, Jing Ma, Zhenxing Feng, Ce-Wen Nan, X Renshaw Wang, Applied Physics Reviews,7, 1, 011401 (2020)
36.	Sachi kumari, Salla Gangi Reddy, Vijay Kumar, R. P. Singh, Tunable ultraslow light propagation In Ruby, Optics Communications, 125913, 2020
37.	Tripathy, S., Rahman, A. (2020), Leverage and firm performance: Empirical evidence from Indian food processing industry. *Management Science Letters,* 10 (6): 1233–1240 (Scopus; EBSCO; J-Gate Listed).
38.	Suman, D., Tripathy, S., Rahman, A. (2019), The Liquidity Problem: A case of Café Coffee Day Enterprise (Case Paper), *Journal of Advanced Research in Dynamical and Control Systems*, 11 (8): 2209- 2214 (Scopus; Pro-Quest; EBSCO; J-Gate Listed).
39.	Ajitha, S., and Sivakumar. V. J. " The Moderating Role of Age and Gender on the Attitude towards New Luxury Fashion Brands." Journal of Fashion Marketing and Management: An International Journal (2019) DOI: JFMM-05-2018-0074 [Q 1 journal, ABDC - 'B' ranked journal, SSCI listed]
40.	Shailender Singh & Chen Guan Ru, Price Rigidity, Market Competition and Product Differentiation, (2019). Economic Research-Ekonomska Istraživanja, Vol.32, No.1, pp.2935–2952

41.	Hazrana, J., Birthal, P.S., Negi, D.S., Mani, G., and Pandey, G. Spatial Spillovers, Structural Transformation and Economic Growth in India, (2019). *Agricultural Economics Research Review*. Vol. 32 (32), Pp 145-158. *ISSN* 0971-3441 (print) 0974-0279 (online). DOI:10.5958/0974-0279.2019.00028.4
42.	Varma, P., Raman. M. G. Organization of Noun and Verb Concepts in English among Visually Impaired and Sighted Participants; A Theoretical Perspective, 2019, Research Journal of English, Vol 4 Issue 4, Pg 59-96.
43.	Prateek. "Articulating Mountains Through Mofussil Aesthetics: A study of operatic theatre tradition in India." *Performance Review* 24.3 (2019): 77—84.
44.	Mujral, Rajni. "'Use of stories that aren't even true': reading Salman Rushdie's Haroun and the Sea of Stories and Luka and the Fire of Life". Textual Practice, 2020, DOI: 10.1080/0950236X.2020.173407
45.	R. Vennela and Richard Smith. Bilingual English teaching in colonial India: the case of John Murdoch's work in Madras Presidency, 1855–1875. *Language & History*, 62 (2019): 96-118.
46.	Singh, Maanvender, Caste, Ideology, and Judiciary (May 2019), *IAPS Dialogue*, University of Nottingham.
47.	Kannan, V. (With Ali Akbar, and I. Subramania Pillai) Simple Dynamical Systems, (2019) Applied general topology. Vol20, 307-324.
48.	Partha Sarathi Patra and Venku Naidu Dagga, Hardy theorem and rotation for Dunkl transform, Complex Variables and Elliptic Equations, (2020), DOI: 10.1080/17476933.2019.1704278.
49.	R. Mehta, J. Saha, I. Sengupta, Betti numbers of Bresinsky's curves in A^4, Journal of Algebra and Applications, 18, 1950143 (2019).
50.	R. Mehta, J. Saha, I. Sengupta, Moh's Example of Algebroid Space Curves, To Appear In The Journal of Symbolic Computation, (2020).
51.	R. Mehta, J. Saha, I. Sengupta, Numerical Semigroups Generated By Concatenation Of Arithmetic Sequences, To Appear In The Journal of Algebra and Applications, (2020).
52.	F. Atik, M. Rajesh Kannan and Ravindra B. Bapat On distance and Laplacian matrices of trees with matrix weights, (2020), Linear and Multilinear Algebra DOI 10.1080/03081087.2019.1687642.
53.	S. Mandal, Monotonicity of the system function of a SISO FRI system with neutrality and ordering property preserving fuzzy implications, 2020, International Journal of Approximate Reasoning, Volume-120, Issue, 92-101.
54.	Vijayakrishna Rowthu (with BV Rathish Kumar, Abdul Halim), Higher Oder PDE based Model for Segmenting Noisy Image, (2020), IET Image Processing, DOI: 10.1049/iet-ipr.2019.0885 .

55.	Tapan Kumar Hota and Manoranjan Mishra, Transient growth and symmetrizability in rectilinear miscible viscous fingering, Journal of Engineering Mathematics, volume 120, page 111-128, 2020 (doi:10.1007/s10665-019-10034-6).
56.	Sivaramakrisnnan C., Sampling in the images of Sobolev spaces in $\boldsymbol{L^2(\mathbb{R}, e^{u^2}du)}$ under Schr ö dinger semigroup, (2020), Journal of Pseudo differential equations and applications, Volume 11, , Page 821-842, 2020.
57.	Subhashree Mohapatra, Pravir K. Dutt, B.V. Rathish Kumar, Marc I. Gerritsma: Non-conforming least squares spectral element method for Stokes equations on non-smooth domains, Journal of Computational and Applied Mathematics, Volume 372, July 2020, 112696 (2020).
58.	Skaradzińska. A., Ochocka. M., Śliwka. P., Kużmińska-Bajor. M., Skaradziński. G., Friese. A., Roschanski. N., Murugaiyan. J., Roesler. U., (2020) Bacteriophage amplification - a comparison of selected methods, Journal of Virological Methods, 282, 113856.
59.	Boehringer. M., Murugaiyan. J., Eravci. M., Weise. C., Roesler. U., Neubauer. H, Sprague. LD., (2020) Treatment of Yersinia similis with the cationic lipid DOTAP enhances adhesion to and invasion into intestinal epithelial cells – a proof-of-principle study, Biochemical and Biophysical Research Communications. 525(2):378-383.
60.	Li C, Murugaiyan J, Thomas C, Alter T, Riedel C. (2020) Isolate Specific Cold Response of Yersinia enterocolitica in transcriptional, proteomic, and membrane physiological changes. Frontiers in Microbiology, 10:3037.
61.	Borges, A. L., Castro, B., Govindarajan, S., Solvik, T., Escalante, V., & Bondy-Denomy, J. Bacterial alginate regulators and phage homologs repress CRISPR–Cas immunity (2020). Nature Microbiology, 5(5), 679-687.
62.	Mendoza, S.D., Nieweglowska, E.S., Govindarajan, S., Leon, L.M., Berry, J.D., Tiwari, A., Chaikeeratisak, V., Pogliano, J., Agard, D.A. and Bondy-Denomy, J. A bacteriophage nucleus-like compartment shields DNA from CRISPR nucleases (2020). Nature, 577(7789), 244-248.
63.	Iadarola, D.M., Basu Ball, W., Trivedi, P.P., Fu, G., Nan, B., and Gohil, V.M. Vps39 is required for ethanolamine-stimulated elevation in mitochondrial phosphatidylethanolamine. (2020). BBA Mol Cell Biol Lipids, 1865(6):158655.
64.	Imran Pancha, Kaumeel Chokshi, Kan Tanaka, and Sousuke Imamura. Microalgal Target of Rapamycin (TOR): A Central Regulatory Hub for Growth, Stress Response and Biomass Production, (2020), Plant and Cell Physiology, 61, 4, 675-684

65.	Kumar D, Singh A, Kumar P, Uversky VN, Rao CD, Giri R. (2020) Understanding the penetrance of intrinsic protein disorder in rotavirus proteome. Int J Biol Macromol.144:892-908
66.	Chandra S Bhatt, Bharathkumar Nagaraj, Deepanjan Ghosh, Sureshkumar Ramasamy, Ranjit Thapa, Sreekar B Marpu, and Anil K Suresh. Core-composite mediated separation of diverse nanoparticles to purity. (2019). *Soft Matter*, 15(39): 7787-94.
67.	Awasthi, M.K., Sarsaiya, S., Wainaina, S., **Rajendran, K.,** Kumar, S., Quan, W., Duan, Y., Awasthi, S.K., Chen, H., Pandey, A. 2019. A critical review of organic manure biorefinery models toward sustainable circular bioeconomy: technological challenges, advancements, innovations, and future perspectives. *Renewable and Sustainable Energy Reviews*, **111**, 115-131.
68.	Bose, A., Lin, R., **Rajendran, K.,** O'Shea, R., Xia, A., Murphy, J.D. 2019. How to optimise photosynthetic biogas upgrading: a perspective on system design and microalgae selection. *Biotechnology advances*, **37**(8), 107444.
69.	Toor, M., Kumar, S.S., Malyan, S.K., Bishnoi, N.R., Mathimani, T., **Rajendran, K.,** Pugazhendhi, A. 2020. An overview on bioethanol production from lignocellulosic feedstocks. *Chemosphere*, **242**, 125080.
70.	**Rajendran, K.,** Murthy, G.S. 2019. Techno-economic and life cycle assessments of anaerobic digestion–A review. *Biocatalysis and Agricultural Biotechnology*, **20**, 101207.
71.	**Rajendran, K.,** Mahapatra, D., Venkatraman, A.V., Muthuswamy, S., Pugazhendhi, A. 2020. Advancing anaerobic digestion through two-stage processes: Current developments and future trends. *Renewable and Sustainable Energy Reviews*, **123**, 109746.
72.	McDonagh, S., Deane, P., **Rajendran, K.,** Murphy, J.D. 2019. Are electrofuels a sustainable transport fuel? Analysis of the effect of controls on carbon, curtailment, and cost of hydrogen. *Applied Energy*, **247**, 716-730.
73.	Dhamodharan, K., Varma, V.S., Veluchamy, C., Pugazhendhi, A., **Rajendran, K.** 2019. Emission of volatile organic compounds from composting: A review on assessment, treatment and perspectives. *Science of The Total Environment*, **695**, 133725.

74.	Reis, P. C., **Thottathil, S. D**., Ruiz-González, C., & Prairie, Y. T. (2020). Niche separation within aerobic methanotrophic bacteria across lakes and its link to methane oxidation rates. Environmental Microbiology, 22(2), 738-751.
75.	Pujara Y, **Pathak, P.,** Sharma, A. (2019). Review on Indian Municipal Solid Waste Management Practices for Reduction of Environmental Impacts to achieve Sustainable Development Goals. *Journal of Environmental Management,* **248**, 109238.
76.	Chabhadiya, K., Srivastava, R.R., **Pathak, P.*** (2021). "Growth projections against set-target of renewable energy and resultant impact on emissions reduction in India", Environmental Engg. Res. 26(2), 200083.
77.	**Lakhveer Singh***, Supriyanka Rana, Sveta Thakur, Deepak Pant, (2020), Bioelectrofuel synthesis by nanoenzyme: A novel alternative to conventional enzymes. Trends in Biotechnology, 38, 469-473.
78.	Wang, Luguang, Ye Chen, Fei Long, Lakhveer Singh, Stephanie Trujillo, Xiang Xiao, and Hong Liu. "Breaking the loop: Tackling homoacetogenesis by chloroform to halt hydrogen production-consumption loop in single chamber microbial electrolysis cells." Chemical Engineering Journal 389 (2020): 124436.
79.	Zaied, B. K., Mamunur Rashid, Mohd Nasrullah, A. W. Zularisam, Deepak Pant, and Lakhveer Singh*. "A comprehensive review on contaminants removal from pharmaceutical wastewater by electrocoagulation process." Science of The Total Environment (2020): 138095.
80.	Zaied Bin Khalid, Zularisam, Lakhveer Singh, Md. Nurul Islam Siddique, Mohd Nasrullah, Santhana Krishnan (2020), Co-digestion of Palm Oil Mill Effluent for Enhanced Biogas Production in Solar Assisted Bioreactor: Supplementation of Ammonium Bicarbonate. Science of the Total Environment. 706, 136095
81.	Abdur Rashid Sangi, Jianwei Liu, Mohammed S Alkatheiri, Satish Anamalamudi,"Secure opinion sharing for reputation-based systems in mobile ad hoc networks", Measurement and Control, Jan-2020
82.	Sengar, S. S., and Mukhopadhyay, S. "Moving object detection using statistical background subtraction in wavelet compressed domain." Multimedia Tools and Applications 79, no. 9 (2020): 5919-5940.
83.	Sengar, S. S., and Mukhopadhyay, S. "Motion segmentation-based surveillance video compression using adaptive particle swarm optimization." Neural Computing and Applications (2019): 1-15.

84.	Amit Misra, Snehanshu Saha, Simran Mahija, Sumana Sinha, Vaskar Raychoudhury, C. C. Sobin, "Empirical Study of Dynamics of Amoebiasis Transmission in MANET's ", In Wiley International Journal of Communication Systems, e4186. https://doi.org/10.1002/dac.4186, 2019.
85.	C. C. Sobin, " Internet of Things-A survey on Architecture, Protocols and Research Challenges", In Springer Wireless Personal Communications, doi: 10.1007/s11277-020-07108-5, 2020
86.	V. M. Manikandan., and A. A. Bini. "An Improved Reversible Data Hiding Through Encryption Scheme with Block Pre-checking." Procedia Computer Science 171 (2020): 951-958.
87.	Alok Kumar Shukla and Diwakar Tripathi, "Detecting biomarkers from microarray data using distributed correlation based gene selection", Genes & Genomics, (Springer), DOI: 10.1007/s13258-020-00916-w.
88.	Alok Kumar Shukla, Sanjeev Kumar Pippal, Srishti Gupta, B Ramachandra Reddy and Diwakar Tripathi "Knowledge discovery in medical and biological datasets by integration of Relief-F and Correlation Feature Selection Techniques", Journal of Intelligent & Fuzzy Systems, (IOS Press), DOI: 10.3233/JIFS-179743.
89.	Pietro Ferrara, **Amit Kr Mandal**, Agostino Cortesi, and Fausto Spoto communicated in "Static Analysis for Discovering IoT Vulnerabilities", accepted in International Journal on Software Tools for Technology Transfer (STTT), Springer,
90.	**Amit Kr Mandal**, Anirban Sarkar, "Formal Design Model for Service Oriented System: A Conceptual Perspective", International Journal of Business and Systems Research, Inderscience Publishers, [ISSN: 1751-2018], Vol. 14, No. 3, 2020, pp. 249-280. (Scopus)
91.	Pietro Ferrara, **Amit Kr Mandal**, Agostino Cortesi, and Fausto Spoto, "Cross Programming Language Taint Analysis for the IoT Ecosystem", Electronic Communications of the EASST", TU Berlin, Germany, Vol. 77, 2019 (Scopus)
92.	Bireswar Das**, Murali Krishna Enduri**, Masashi Kiyomi, Neeldhara Misra, Yota Otachi, I. Vinod Reddy, and Shunya Yoshimura. "On structural parameterizations of firefighting." Theoretical Computer Science, 2019
93.	G. Rathnamma. T. Ragunathan and Shobabindu, Improving Performance of a Distributed File System using Hierarchical Collaborative Global Caching Algorithm with Rank-Based Replacement Technique" International Journal of Communicaion Networks and Distributed Systems, Inderscience publications (in press)

94.	Prem Kumar, Ragunathan, Krishna Prasad "An Efficient Load Balancing Technique based on Cuckoo Search and Firefly Algorithm in Cloud "Journal: International Journal of Intelligent Engineering and Systems (IJIES) Publishers: Intelligent Networks and Systems Society 422-432
95.	Jatindra Kumar Dash, Manisha Patro, Thimmapuram Madhuri, Sujata Chakravarty, Achyuth Sarkar, Novel Texture Feature For Content Based Image Retrieval, Test Engineering and Management, Vol. 83, No. 2, pp. 17788 - 17800, 2020. (Scopus)
96.	Ankita Singh, Jatindra Kumar Dash, Biswajit Behura, S. Chakravarty, Teaching Learning Based Optimized Support Vector Regression Model for Prediction of Indian Stock Market, International Journal of Advanced Science and Technology, Vol. 29, No. 5, pp. 3002 – 3015. 2020. (Scopus)
97.	**Om Jee Pandey,** Ved Gautam, Ha H. Nguyen, Mahendra K. Shukla, and Rajesh M. Hegde**,** "Fault-Resilient Distributed Detection and Estimation over a SW-WSN Using LCMV Beamforming." **IEEE Transactions on Network and Service Management,** DOI (identifier) 10.1109/TNSM.2020.2988994.
98.	Mahendra K. Shukla, Ha H. Nguyen, and **Om Jee Pandey**, Secrecy Outage Analysis of Two-Way Relay Non-Orthogonal Multiple Access Systems, **IEEE Access**, vol. 8, pp. 39502-39512, Feb. 2020.
99.	Vasudha Hegde, S Yellampalli, H M Ravikumar, "Simulation, Mathematical Modeling, Fabrication and Experimental Analysis of Piezoelectric Acoustic Sensor for Energy Harvesting Application", Microsystem Technologies, December 2019, pp. 1-11
100.	V. Bevara & P. K. Sanki, "VLSI Implementation of High Throughput Parallel Pipeline Median Finder for IoT Applications, "Journal of the Indian Academy of Sciences, Sādhanā, 45, 75, 2020. https://doi.org/10.1007/s12046-020-1292-9
101.	V. Bevara & P. K. Sanki, "A New Fast & Efficient 2-D Median Filter Architecture," Journal of the Indian Academy of Sciences, Sādhanā, SADH-D-20-00018, 2020. (Accepted)
102.	S. Kalluri, H. Cha, J. Kim, H. Lee, H. Jang, J.l Cho, Building High-Rate Nickel-Rich Cathodes by Self-Organization of Structurally Stable Macrovoid, Advanced Science, February 2020, pp. 1902844.
103.	S. Sabatini, S. Kalluri, A.A. Madhavan, Green synthesized a-Fe2O3 mesoporous network for heterogeneous Fenton oxidation of thiazine dye, Materials Letters: X, January 2020, vol. 5, pp. 100037.

104.	Aniq Ur Rahman, Anirban Ghosh, Aniruddha Chandra, Jiriri Blumenstein,Tomas Mikulasek, Ales Prokes, "Time-Variance of a 60 GHz Vehicular Infrastructure-to-Infrastructure Channel", IEEE Journal in Selected Areas of Communication, 2020, Accepted
105.	Kouachi Said, Sateeshkrishna Dhuli, and Y. N. Singh. "Convergence Rate Analysis of Periodic Gossip Algorithms for One-Dimensional Lattice WSNs." IEEE Sensors Journal (2020).
106.	Karthikeyan Elumalai, Devendra Kumar Yadav, Anup Kumar Manpura, RK Patney. Stacking Seismic Data Based on Ramanujan Sums, IEEE Geoscience and Remote Sensing Letters, pp 1-4, Nov 2019.
107.	S. Kanithan. Arun Vignesh, E. Karthikeyan, N. Kumareshand, An intelligent energy efficient cooperative MIMO-AF multi-hop and relay based communications for Unmanned Aerial Vehicular networks, Computer Communications, 154, pp 254-261, Mar 2020.
108.	Prakash Jadhav, "Effect of ply drop in aerospace composite structure", Key Engineering Materials, June 2020, vol 847, pp 46-51.
109.	Prakash Jadhav, "Innovative designs of embedded foam insert in the aerispace composite material", Material Today Proceedings, Jan 2020, 21-1464-68
110.	Surfarazhussain S. Halkarni, "Influence of Converging and Diverging Geometry on the Pressure Drop Distribution in Randomly Packed Beds", Journal of Particulate Science and Technology, (Accepted on 19-Feb - 2020)
111.	Sheela Singh, "Tribological Behavior of NiMoAl-Based Self-Lubricating Composites, ACS Omega, June 2020, DOI: 10.1021/acsomega.0c01409
112.	Sheela Singh, "Influence of solid lubricants addition on the tribological properties of HVOF sprayed NiMoAl coating from 30 °C to 400 °C", Materials Letters 266:127494, 2020.
113.	Sheela Singh, "Elemental effect on formation of solid solution phase in CoCrFeNiX and CoCuFeNiX (X = Ti, Zn, Si,Al) high entropy alloys", Materials Science and Technology, 35(14) 2019.
114.	Sheela Singh, "Effect of Cr2AlC nanolamella addition on tribological properties of 5W-30 engine oil" , Applied Surface Science,493, 1098, 2019.
115.	K. M. Saradesh, G.S. Vinod Kumar, "Grain refinement of 24 karat gold (99.99 wt.% pure) and 22 karat gold (Au-5.8wt.%Cu-2.5wt.%Ag) by Au-6wt.%Ti grain refiner", Gold Bulletin, 53, 19-29, 2020.

116.	K.M. Saradesh, G. S. Vinod Kumar, "Metallurgical processes for hardening of 22Karat Gold for lightweight and high strength jewelry", Journal of Materials Research & Technology, (2020) 9(2), 2009-2020.
117.	S. Sasikumar, Georgy Kurian, M. Mukherjee, G. S. Vinod Kumar, "Foam stabilization by Aluminium Powders", Materials Letters 262, 127142 (2019)
118.	K. M. Saradesh, Indrajit Patil, D. Sivaprahasam, Bhalchandra Kakade, G. S. Vinodkumar, "Study on the electrochemical behaviour of 22k gold (Au-5.8wt.%Cu-2.5wt.%Ag) and Ti containing 22k gold (Au-5.8wt.%Cu-2.0wt.%Ag-0.5wt.%Ti)", Gold Bulletin, 52, 175-183. (2019).
119.	Sean d'Brass, K. R. Ravi, J. Nampoothari, K. M. Saradesh, T. Rajasekaran, G. S. Vinod-Kumar, "The Effect of Melt Ultrasound Treatment on the Microstructure and Age Hardenability of Al-4 Wt. Pct Cu/TiC Composite", Metallurgical and Materials Transactions B, 50, 2557-2565 (2019)
120.	Panchagnula Kishore and Jayaprakash Sharma Panchagnula, "Fabrication of hoop-wound glass fiber reinforced plastic cylindrical shells using filament winding machine", Material Today Proceedings, March 2020 (available online) , in press, https://doi.org/10.1016/j.matpr.2020.02.349
121.	Satyapramod Jammy, "Aerothermodynamic Assessment of Spiked Configuration For Drag Reduction at Hypersonic Speeds" (Accepted May 5 2020)
122.	Neural Network Integrated Adaptive Backstepping Control of DC-DC Boost Converter- Tousif Khan Nizami and Arghya Chakravarty - IFAC-PapersOnLine, Elsevier, (Accepted).
123.	Laguerre Neural Network Driven Adaptive Control of DC-DC Step Down Converter- Tousif Khan Nizami and Arghya Chakravarty- IFAC-PapersOnLine, Elsevier, (Accepted).
124.	Erratum to Analysis and Experimental Investigation into a Finite Time Current Observer Based Adaptive Backstepping Control of Buck Converters- Tousif Khan Nizami, Arghya Chakravarty and Chitralekha Mahanta - Journal of the Franklin Institute, Elsevier, 356(7), 4190 (2019)
125.	Microsecond timescale combustion of aluminum initiated by an underwater electrical wire explosion- A. Rososhek, S. Efimov, A. Goldman, S. V. Tewari, and Ya. E. Krasik -Physics of Plasmas,26, 053510 (2019)
126.	Evolution of a shock wave generated by underwater electrical explosion of a single wire- A. Rososhek, S. Efimov, V. Tz. Gurovich, A. Virozub, S. V. Tewari, and Ya. E. Krasik - Physics of Plasmas,26,042302 (2019)

127.	A Comparative Study among UPQC Models with and without Real Power Injection to Improve Energy Efficiency of Radial Distribution Networks- Shubh Lakshmi, Sanjib Ganguly- Energy Systems (Springer), 11, 113–138 (2020)
128.	An On-line Operational Optimization Approach for Open Unified Power Quality Conditioner for Energy Loss Minimization of Distribution Networks- Shubh Lakshmi, Sanjib Ganguly- IEEE Transactions on Power Systems, 34(6), 4784–4795 (2019)
129.	Multi-objective Planning for the Allocation of PV-BESS Integrated Open Unified Power Quality Conditioner for Peak Load Shaving of Radial Distribution Networks- Shubh Lakshmi, Sanjib Ganguly- Journal of Energy storage (Elsevier), 22, 208–218 (2019)
130.	A New Reference Flux Linkage Selection Technique for Efficiency Improvement of Direct Torque Controlled IM Drive- K. K. Prabhakar, C. U. Reddy, A. K. Singh, and P. Kumar- IEEE Journal of Emerging and Selected Topics in Power Electronics, (2019)
131.	Speed Estimation Technique Using Modified Stator Current Error Based MRAS for Direct Torque Controlled Induction Motor Drives- C. U. Reddy, K. K. Prabhakar, A. K. Singh, and P. Kumar- IEEE Journal of Emerging and Selected Topics in Power Electronics, (2019)
132.	Direct Torque Control Induction Motor Drive Performance Evaluation Based on Torque Error Status Selection Methods- C. U. Reddy, K. K. Prabhakar, A. K. Singh, and P. Kumar, IET Electrical Systems in Transportation, (2019)
133.	Optimal Sizing of Smart Home Renewable Energy Resources and Battery Under Prosumer-Based Energy Management- B. Lokeshgupta and S. Sivasubramani- *IEEE Systems Journal, 1-9, (2020) (Early Access)*
134.	Optimal Planning and Operational Strategy of a Residential Microgrid With Demand Side Management- B. Lokeshgupta and S. Sivasubramani- IEEE Systems Journal, 1-9 (2019) (Early Access)
135.	Multi-Objective Harmony Search Algorithm for Dynamic Optimal Power Flow with Demand Side Management- B. Lokeshgupta and S. Sivasubramani- Electric Power Components and Systems (Taylor & Francis), 47(8), 692-702 (2019)

Books Published

Lakhveer Singh*, Abu Yousuf, Durga Mahapatra. "Bioreactors: Sustainable design and industrial applications in mitigation of GHG emissions (2020). ISBN: 9780128212646. eBook ISBN: 9780128215371. Publisher: Elsevier

Book Chapters

Sl. No.	Details
1.	**Sabyasachi Chakrabortty**,* Sunil K Vimal, Sanjib Bhattacharya* "Synthesis of Nanoparticles and Their Conjugates for Targeted Therapeutic Applications" by. Accepted in Nanopharmaceuticals in Springer Series.
2.	**Vasavi Dutt Vankadaru** and **Nimai Mishra** "Upconverting nanoparticles: potential for a new heat regulating materials", Book title "Energy Savings Coating Materials" – ELSEVIER, Published in 2020. https://doi.org/10.1016/C2019-0-03614-X
3.	Goutam Kumar Dalapati Mohit Sharma, Energy Saving Coating Materials: Design, Process, Implementation and Recent Developments, 1st Edition, 2020, Elsevier.
4.	Busi Kumar Babu, Siddhartha Ghosh, Sabyasachi Chakrabortty, Recent developments in smart window engineering: from antibacterial activity to self-cleaning behavior, (10th Chapter in Book - Energy Saving Coating Materials: Design, Process, Implementation and Recent Developments, 1st Edition, 2020, Elsevier edited by Goutam Kumar Dalapati and Mohit Sharma.)
5.	Ashwini Nawade, Kunchanapalli Ramya, Sabyasachi Mukhopadhyay, Design of thermochromic materials and coatings for cool building applications (9th Chapter in Book - Energy Saving Coating Materials: Design, Process, Implementation and Recent Developments, 1st Edition, 2020, Elsevier edited by Goutam Kumar Dalapati and Mohit Sharma.)
6.	Jatindra Kumar Dash, Mohit Sharma, Goutam Kumar Dalapati, Machine learning approach for materials technology, (12th Chapter in Book - Energy Saving Coating Materials: Design, Process, Implementation and Recent Developments, 1st Edition, 2020, Elsevier edited by Goutam Kumar Dalapati and Mohit Sharma.)

7.	Mohit Sharma, Goutam Kumar Dalapati, Roadmap for materials selection and energy saving coatings, (13th Chapter in Book - Energy Saving Coating Materials: Design, Process, Implementation and Recent Developments, 1st Edition, 2020, Elsevier edited by Goutam Kumar Dalapati and Mohit Sharma.)
8.	Rich, Marc Howard and Jessica S. Robles. "State of the Field: A History of the Question," Chapter 1 in Marc Howard Rich and Jessica Robles (Eds.) *Practicing Communication Theory: Exploring, Applying, and Teaching the Constitutive Metamodel.* Cognella Academic Publishers 2020.
9.	Rich, Marc Howard and Jessica S. Robles (Eds.). *Practicing Communication Theory: Exploring, Applying, and Teaching the Constitutive Metamodel.* Cognella Academic Publishers 2020.
10.	Prateek. "History of Reading." Edited by D. Merskin. *The Sage International Encyclopedia of Mass Media and Society*, Vol 1. Thousand Oaks, CA: Sage Publications (2020): 1459-1461.
11.	Prateek. "Sri Lanka." Edited by D. Merskin. *The Sage International Encyclopedia of Mass Media and Society*, Vol 1. Thousand Oaks, CA: Sage Publications (2020): 1666-1668.
12.	Ravichandran, T, and Bandyopadhyay, Nibedita. "When Thirst Had Undone So Many: A Postcolonial Ecocritical Analysis of Water Crisis in Ruchir Joshi's *The Last Jet-Engine* Laugh and Girish Malik's *Jal*." *The Routledge Handbook of Ecocriticism and Environmental Communication*, Routledge: UK and US, ISBN: 978-1-138-05313-7 (hbk), ISBN: 978-1-315-16734-3 (ebk), 2019.
13.	Bandyopadhyay, Nibedita. "The Sage of Subalterns amidst Resource Crisis: An Analysis of "Drought: Mahesh" and Water," Narratives of Environmental Challenges in Brazil and India: Losing Nature in Ecocriticism Theory and Practice Series, Lexington Books: Lanham, Boulder, New York, London, Hardback ISBN: 978-1-4985-8114-1, E-book ISBN: 978-1-4985-8115-8, pp. 87-99, 2019.
14.	Binny, Malavika 'Of Men, Stones and Stories; Revisiting the *vīrakals* of South India', *Art and History; Texts, Contexts and Visual Representations in Early India*, edited by R. Mahalakshmi, 2020, (Print Edition), Bloomsbury, New York, London and Delhi. pp.269-287.
15.	Lepcha Kachyo and Singh Maanvender "Development Alienating Human from Nature: A Case Study of North Sikkim". *Development and Deprivation in the Indian Sub-continent,* edited by Utpal De and Manoranjan Pal, Routledge, 2020. pp 420-430.

16.	Kannan, V. Book Chapter "Real Dynamics" (55 pages) in the book "Elements of Dynamical Systems" (236 pages), accepted for publication, Hindustan Publishers, Delhi (2020).
17.	Dhamodharan, K., Ahlawat, S., Kaushal, M., **Rajendran, K.** 2020. Economics and cost analysis of waste biorefineries. in: *Refining Biomass Residues for Sustainable Energy and Bioproducts*, Academic Press, pp. 545-565.
18.	**Rajendran, K.,** Lin, R., Wall, D.M., Murphy, J.D. 2019. Influential Aspects in Waste Management Practices. in: *Sustainable Resource Recovery and Zero Waste Approaches*, Elsevier, pp. 65-78.
19.	Govani, J., Patel, H., Pujara, Y., Chabhadiya, K., **Pathak, P.*** 2020. Technological Upgradation and Advancement for Treatment of Plastic Waste in Developing Countries. In: Hussain C. (eds) Handbook of Environmental Materials Management. Springer, Cham, ISBN 978-3-319-58538-3.
20.	Koshi, N.*, **Pathak, P.,** 2020. Removal of strontium by physico-chemical adsorptions and ion exchange methods, Chapter 10, Strontium Contamination in the Environment volume series 88, P. 185-202, Springer Nature Switzerland, ISBN 978-3-030-15314-4.
21.	**Pathak, P.***, Srivastava, R.R., Keceli, G., Mishra, S., 2020. Assessment of alkaline earth metals (Ca, Sr, Ba) and its associated health impact, Chapter 12, Strontium Contamination in the Environment volume series 88, P. 227-243, Springer Nature Switzerland, ISBN 978-3-030-15314-4.
22.	Srivastava, R.R., **Pathak, P.***, Perveen, M. 2020. Environmental and health impact due to Uranium Mining, Chapter 3, Uranium in plants and the environment, P. 69-89, Springer Nature Switzerland, ISBN 978-3-030-14960-4.
23.	Srivastava, R.R., **Pathak, P.***, 2020. Policy issues for efficient management of E-waste in developing countries", Chapter 4, Handbook of Electronic Waste management, P. 81-99, Elsevier, ISBN 9780128170304.
24.	**Pathak, P.***, Srivastava, R.R., Ojasvi, 2019. Environmental management of E-waste Chapter 5, Electronic Waste Management and Treatment Technology**,** P. 103-132, Elsevier, ISBN 9780128161906.
25.	Ghosh, Pooja, Subhanjan Sengupta, **Lakhveer Singh**, and Arunaditya Sahay. "Life cycle assessment of waste-to-bioenergy processes: a review." In *Bioreactors*, pp. 105-122. Elsevier, ISBN: 9780128215371, 2020.

26.	Ghosh, Pooja, Goldy Shah, Shivali Sahota, **Lakhveer Singh**, and Virendra Kumar Vijay. "Biogas production from waste: technical overview, progress, and challenges." In *Bioreactors*, pp. 89-104. Elsevier, ISBN: 9780128215371, 2020.
27.	Mohammed Saeed Alkatheiri, Abdur Rashid Sangi, **Satish Anamalamudi**: Physical Unclonable Function (PUF)-Based Security in Internet of Things (IoT): Key Challenges and Solutions. Handbook of Computer Networks and Cyber Security 2020: 461-473
28.	B. Shiva Shanta Mani, **V. M. Manikandan**, Heart Disease Prediction Using Machine Learning, in Handbook of Research on Disease Prediction Through Data Analytics and Machine Learning, IGI Global publishers
29.	**Jatindra Kumar Dash**, Goutam Kumar Dalapati, Mohit Sharma (2020), 'Machine Learning on materials selection and energy saving', in Goutam Kumar Dalapati, Mohit Sharma (ed.) Energy Saving Coating Materials: Design, Process, Implementation and Recent Developments. ELSEVIER (In Press), **Paperback ISBN:** 9780128221037
30.	**Diwakar Tripathi**, Alok Shukla, B. Ramchandra Reddy and Ghanshyam S. Bopche "Multi-layer Hybrid Credit Scoring Model based on Feature Selection, Ensemble Learning and Ensemble Classifier,", in book titled "Emerging Trends and Applications of Machine Learning." IGI Global (Book Chapter Published), ISBN NO.– 1522596437, 9781522596431, DOI: 10.4018/978-1-5225-9643-1.ch021.\
31.	**Ashok Kumar Pradhan**, Santosh Bhaskar and **Priyanka**, "IoT Cloud Network for Healthcare", Cloud Network Management: An IOT based Framework, CRC Press, Taylor & Francis Group, USA in 2020. ISBN No: 9780367256050
32.	Pramod Pilliai, Venkataratnam P, **Siva Yellampalli**, "Security for Cross Tenant Access Control in Cloud Computing",in Modern Principles, Practices and Algorithms for Cloud Security, IGI Global, 2020, pp. 1-344.
33.	Kishore Kumar P., Jayaprakash Sharma P. (2020) Influence of Various Tool Path Patterns on Hardness Used in Weld Deposition-Based Additive Manufacturing. In: Shunmugam M., Kanthababu M. (eds) Advances in Additive Manufacturing and Joining. Lecture Notes on Multidisciplinary Industrial Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-32-9433-2_5

Patents:

Sl. No.	Details
1.	A Process for Preparing Magnesium Foams, **G. S. Vinod Kumar** and Dipak Nandakumar Bhosale, Indian Patent Application No. 202041001715, (Status: Published).
2.	A Method of Manufacturing Lead – Free Brass, **G. S. Vinod Kumar**, (SRM University – AP), S. Seshadri, H. Ragothaman, S. Loganathan (Titan Company Ltd, Bengaluru), Indian Patent Application No. 201941047506, Applied, Jointly with Titan Company Ltd, Bangalore
3.	Face shield for Humans, Mr. Adithaya (2nd year Mechanical), Indian Patent Application No. 329364, Applied
4.	Artificial Intelligence based Detection of Violence through Surveillance Camera, Inventors: S. Saxena, S. Balamurugan, **S.S. Sengar**, S. Srivastava, Indian Patent No: 201911033264 (Status: Published).
5.	Computer implemented method for fingerprint recognition using filtering techniques (Published, Intellectual Property India, Govt. of India), Authors: Jatindra Kumar Dash, Bhagirathi Nayak, V. Sridhar, Sachi Nandan Mohanty, V, Vinay Kumar, P. Neelima, Umakant Bhaskar Gohatre, Venkat P. Patil, Bhushan Purshottam Saoji, Smita Avinash Lonkar. Application Number: 201941053267
6.	Method Of Fuzzy Inference Model Control For An Injection Molding Machine (Published, Intellectual Property India, Govt. of India), Authors: T. V. Ramana, A. Suresh Kumar, Prashant Kumar Shukla, Piyush Kumar Shukla, Piyush Kumar Soni, Bhagirathi Nayak, Sandeep Kumar Panda, Rashmi Soni, Jatindra Kumar Dash. Application Number: 201911023848
7.	A Novel Secure Architecture Model for Smart and User Friendly Banking System (Published, Intellectual Property India, Govt. of India), Authors: Ashok Kumar Pradhan, Bhaskara Santosh, Sandeep Saxena, S. Balamurugan, Rajiv Kumar, Gaurav Kumar Rajput and Vimal Kumar. Application number 201941049454.
8.	Smart Military Equipment Logistic System Using Blockchain Technology (Published, Intellectual Property India, Govt. of India), Authors: Sandeep Saxena, Ashok Kumar Pradhan, Gaurav Kumar Rajput, Renu Mishra, Tushar Mehrotra, Rishabh, Vimal Kumar. Application number 202011002478.

9.	Cybernetic Plant (Published, Intellectual Property India, Govt. of India), Authors: Umakanta Nanda Arghya Biswas, Subhodeep Chatterjee, Ashok Kumar Pradhan, Sandeep Saxena, Dileep Kumar Yadav, Aatif Jamshed, Gaurav Kumar Rajput. Application number 202041009615

Conference presentations

1. Sengar, S.S., 2019, May. Motion segmentation based on structure-texture decomposition and improved three frame differencing. In IFIP International Conference on Artificial Intelligence Applications and Innovations, Greece (pp. 609-622). Springer, Cham.
2. Sengar, S.S., Kumar S., Raina P., and Mahaliyan M., 2020, February. Bot Detection in Social Networks Based on Machine Learning Techniques, User Information and Activities. In International Conference on Advances in Signal Processing and Artificial Intelligence, Berlin, Germany.
3. Sengar, S.S., Hariharan, U., and Rajkumar, K., 2020, March. Multimodal Biometric Authentication System using Deep Learning Method. In International Conference on Emerging Smart Computing and Informatics, AISSMS, Institute of Information Technology, Pune, India.
4. Naeem Hadiq, Nibras Nazar, Sumeena Salam, Neha Parveen, Dr. Sobin C C and Rohit Chivukula, "An Efficient Method for Voice to Voice Recognition and Synthesizer" In International Conference on Advances in Signal Processing and Artificial Intelligence, Berlin, Germany, 2020.
5. C. C. Sobin, Manikandan V M, "A Secure Audio Steganography Scheme Using Genetic Algorithm". In Fifth International Conference on Image Information Processing (ICIIP) (pp. 403-407). IEEE, 2019, India.
6. Abhishek Muvvala, Rohit Chivukula and T. Jaya Lakshmi, "Comparative Analysis of Various Machine Learning Approaches for Bitcoin Price Prediction" In International Conference on Advances in Signal Processing and Artificial Intelligence, Berlin, Germany. (Accepted)
7. Abhinav Amrutham, V. M. Manikandan, and A. A. Bini. "An Improved Reversible Data Hiding in Encrypted Images by Selective Pixel Flipping Technique." In International Conference on Devices, Circuits and Systems (ICDCS), pp. 294-298. IEEE, 2020. [Received Best Paper Award]
8. Yedla Sandeep Kumar, V. M. Manikandan, and V. Panchami. "Real-time Scene Change Detection with Object Detection for Automated Stock Verification." In International Conference on Devices, Circuits and Systems (ICDCS), pp. 157-161. IEEE, 2020.
9. V. M. Manikandan and P. Renjith. "An Efficient Overflow Handling Technique for Histogram Shifting based Reversible Data Hiding." In International Conference on Innovative Trends in Information Technology (ICITIIT), pp. 1-6. IEEE, 2020.

10. V. M. Manikandan, “Extraction of Personal Data from Image Pool for Efficient Personal Recommendation”, 34th Indian Engineering Congress, Hyderabad. [Paper will be published in annual technical volume of IEI]
11. V. M. Manikandan and V. Masilamani. "An Improved Reversible Data Hiding Scheme Through Novel Encryption." In 2019 Conference on Next Generation Computing Applications (NextComp), pp. 1-5. IEEE, 2019.
12. V. M. Manikandan and V. Masilamani. "A Novel Entropy-based Reversible Data Hiding during Encryption." In International Conference on Energy, Systems and Information Processing (ICESIP), pp. 1-6. IEEE, 2019.
13. Vardhan, Harsha Satya and Dash, Jatindra Kumar and Mohanty, Sachinandan, Deep Convolutional Neural Networks for Classification of Interstitial Lung Disease (April 5, 2020). Available at: SSRN: https://ssrn.com/abstract=3568854 or http://dx.doi.org/10.2139/ssrn.3568854
14. Dash J.K., Patro M., Majhi S., Girish G., Nancy Anurag P. (2020) Local Texture Features for Content-Based Image Retrieval of Interstitial Lung Disease Patterns on HRCT Lung Images. In: Khanna A., Gupta D., Bhattacharyya S., Snasel V., Platos J., Hassanien A. (eds) International Conference on Innovative Computing and Communications. Advances in Intelligent Systems and Computing, vol 1087. Springer, Singapore
15. Amit Kr Mandal, Yuliy Khlyebnikov, Pietro Ferrara, Agostino Cortesi, and Fausto Spoto, “Taint Propagation Across IoT Ecosystem Interfaces”, Accepted in The 35th ACM/SIGAPP Symposium on Applied Computing, March 30-April 3, 2020, Brno, Czech Republic.
16. Murali Krishna Enduri, I. Vinod Reddy, and Shivakumar Jolad "Evolution of Physics Sub-fields", COMPLEXIS 2020 5th International Conference on Complexity, Future Information Systems and Risk, Online Streaming from Prague, Czech Republic, 8th and 9th May 2020.
17. Santosh Bhaskar and Ashok Kumar Pradhan “SHPI: Smart Healthcare System for Patients in ICU using IoT” in 2019 IEEE International Conference on Advanced Networks and Telecommunications Systems (IEEE ANTS-2020) 16-19 December, 2019, Goa, India.
18. Priyanka, “Medical Image Watermarking for Authentication, Confidentiality, Tamper Detection and Recovery”, 10th International Conference On Computing, Communication And Network Technologies (ICCCNT),
19. Priyanka, “Muzzle Pattern based Cattle Identification Using Generative Adversarial Networks”, 9th International Conference on Soft Computing for Problem Solving - SocProS 2019,
20. Priyanka and Naushad Varish, “Image retrieval scheme using efficient fusion of color and shape moments”, International Conference on Big Data, Machine Learning, and Applications (BigDML 2019)
21. Priyanka, “Geometric Robust and False Positive Free Image Watermarking Method Based on IWT-DCT-SVD”), International Conference on “Advanced Communication & Computational Technology (ICACCT-2019)

22. Priyanka, Subhash Chandra, "Classification of Static Signature based on Distance Measure using Feature Selection", International Conference on "Advanced Communication & Computational Technology (ICACCT-2019)
23. Krishna Prasad "Fuzzy-controlled Genetic algorithm for Fault Detection in Distributed Systems"9th International Conference on Computer Science, Engineering and Applications (ICCSEA 2019), December 21~22, 2019, at Dubai, UAE
24. Krishna Prasad, "WSN Energy Optimization: Evolutionary Approach" 2019 Second International Conference on Advanced Computational and Communication Paradigms (ICACCP), Sikkim-Manipal Institute of Technology, Sikkim.25th to 28th of February, 2019. IEEE Explore.
25. Anusha Nalajala, T. Ragunathan, Sri Harsha Tavidisetty Rajendra, Nagamlla Venkata Sai Nikhith and Rathnamma Gopisetty, Improving the Performance of Distributed File System through Frequent Block Access-Based Prefetching Algorithm, ICCCNT 2019, 10th International Conference on Computing, Communication and Networking Technologies, July 6-8, 2019, IIT Kanpur, India
26. Dhuli, Sateeshkrishna, Y. N. Singh, and Priya Ranjan. "Effect of nearest neighbors on convergence rate of periodic gossip algorithms in WSNs." 2020 IEEE 9th International Conference on Communication Systems and Network Technologies (CSNT). IEEE, 2020.
27. Prakash Jadav, Effect of ply drops on aerospace composite structures, at International conference on composites and material evaluation at Seoul, Korea, Jan 2020.
28. Venkata Nori, Model Based Quantitative Diagnostics of Power Plant Condenser, IHMTC, IIT Roorkee, Dec 2019.
29. Jammy, Real gas effects on drag reduction for spikes of different geometry, ISHMT, IIT Roorkee, Dec 2019.
30. B. Lokeshgupta "Optimal Operation of A Residential Microgrid with Demand Side Management"- at University POLITEHNICA of Bucharest, Romania 2019, IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe) 29 to October 2, 2019.
31. Dr. Mahesh Kumar Ravva, Assistant Professor, Department of Chemistry, 107th Indian Science Congress, University of Agricultural Sciences, GKVK, Bengaluru – 560 065, January 3-7, 2020.
32. Dr. Goutam Kumar Dalapati Invited talk at the International Workshop on the Physics of Semiconductor Devices (IWPSD 2019) December 17-20, 2019, Kolkata, India.
33. Dr. Jatis Kumar Dash Invited speaker at "12th Asia Pacific Microscopy Conference" 03-07, February 2020 at Hyderabad International Convention Centre (HICC), Hyderabad
34. Dr Pranab Mandal Invited speaker at ICMAT 2019 conference 23 - 29 June 2019 at Marina Bay Sands, Singapore.

35. Dr Laxmi Narayana Patro Invited speaker at NCSSI-17 conference 16-18 December 2019, IIT Roorkee, India
36. Dr. Jatis Kumar Dash invited talk titled "Thickness-Insensitive Properties of alpha-MoO3 Nanosheets by Weak Interlayer Coupling" at the international conference "12th Asia Pacific Microscopy Conference 03-07, February 2020 at Hyderabad International Convention Centre (HICC), Hyderabad"
37. Dr. Pranab Mandal invited talk titled "Design of a Room Temperature Multiferroic Bulk Ceramic Oxide" 10th International Conference on Materials for Advanced Technologies (ICMAT 2019), Singapore.
38. Dr. Laxmi Narayana Patro Invited Talk titled "Nonlinear ion transport studies of supercooled ionic liquids at higher electric fields" 16th to18th December 2019 at IIT Roorkee
39. Dr. Soumyajyoti Biswas Invited Talk - titled: "Predicting breakdown using Machine Learning" at the Statphys-Kolkata-X 26-29 November at Presidency University, Kolkata.
40. Dr. Ranjit Thapa Invited Speaker-Carbon Allotropes as Anode Material for Lithium-Ion Batteries 27-29 Nov 2019, NCES-2019, S. N. Bose National Centre for Basic Sciences
41. Dr. Ranjit Thapa Invited Lecture-DFT and Machine Learning join the Race of Materials Discovery: A perspective Mini Symposium, SRM Institute of Science and Technology
42. Dr. Ranjit Thapa Electronic Descriptor for carbon catalyst using QM/ML approach 11-14 Feb 2020, 2nd Indian Materials Conclave and 31st MRSI-AGM, CGCRI, Kolkata
43. Shailender Singh, Associate Professor, Dept. of Commerce. Paper presented in conference "International Conference on Business and Finance" on topic "Modelling Volatility Dynamics of Heteroscedasticity in behaviour of Taiwan Stock Market" on Aug 23-24, 2019 organised by University of Economics Ho Chi Minh, Vietnam.
44. Dr. A. Lakshmana Rao, Assistant Professor, Department of Commerce, presented as a main author a joint research paper in "International Conference on Advances in Business and Law (ICABL)" at University of Dubai, UAE on 23-24th Nov, 2019, Dubai a research paper titled "Efficacy and effectiveness of internal fraud control management system for good governance of corporate bodies with special reference to banking and financial sector"
45. A joint research paper A paper titled "Agriculture: Problems Faced Due to Farm Fragmentation and Benefits Derived from Farm Consolidation" was presented in Agro Supply Chain Conference in UPES, Dehradun in October, 2019"
46. Dr. Ajitha Soundararaj, Assistant Professor, Department of Business Administration, "Online consumption experience, and counterfeiting – Evidence from rural India' as a competitive paper at the "04th International Conference on Marketing, Technology, and Society" Organised by Indian Institute of Management Kozhikode, Kerala, India, 2020.

47. Dr. Ghanshyam Pandey, Assistant Professor, Department of Economics, The best Paper-Awarded with gold medal, for Sources and Drivers of Agricultural Growth in Jharkhand (2020), Research Day at SRM University AP, Amaravati, Kolkata. January 29, 2020
48. Prateek. "Aboriginalising Mother Courage: On the Theatre of Wesley Enoch in Australia." Bertolt Brecht: Contradictions as a Method, 8-10 November, The Academy of Performing Arts, DAMU, Prague, Czech Republic. 9 November, 2019.
49. Prateek. "Re-reading the Discourse of the Campus Play: A Study from Seventh Century India." Academic Fiction Seminar, 15-16 November, 2019, Institute of English Studies, Jagiellonian University, Krakow, Poland. 15 November 2019.
50. Nibedita Bandyopadhyay. Presented paper in 'Seventh International & Eleventh Biennial Conference of Indian Society of Victimology,' organized by University of Madras and Stella Maris College from February 28-March 1, 2020.
51. R. Vennela, The British Association of Applied Linguistics (2019) conference, Manchester University, Manchester, UK. 27th-31st August 2019.
52. James West, Key-note Speaker. St. Joseph's College for Women in Visakhapatnam, Andhra Pradesh on Feminism in India. July, 2019.
53. James West, Key-note Speaker. English and Communication Education at a coalition of high schools and colleges at Andhra Loyola, Vijayawada. August, 2019.
54. Dr. Malavika Binny, Assistant Professor, Paper Presentation on 'The Science and Signs of Gender' at The 80th Indian History Congress (2020), Kottayam,28-30 December, 2019
55. Dr. Malavika Binny, Assistant Professor, Department of History, 'Education and Empowerment; Looking from the Margins' at the 4th Phoenix Charitable Trust Annual Lecture, 22 December 2019.
56. Dr Tapan K Hota, Effects of Viscosity Profiles on Localized Miscible Fluid in a Porous Media, the 64th Congress of Indian Society of Theoretical and Applied Mechanics (ISTAM), December 9-12, 2019, Indian Institute of Technology Bhubaneswar, India.
57. Dr. Jayaseelan Murugaiyan, Invited talk UGC-sponsored National Conference on 'Recent Advances in Agriculture and Biomedical Research, March 6-7, 2020, Acharya Nagarjuna University.
58. Dr. Manjunatha Thondamal – Invited talk UGC-sponsored National Conference on 'Recent Advances in Agriculture and Biomedical Research, March 6-7, 2020, Acharya Nagarjuna University.
59. Dr. Manjunatha Thondamal – Guest Lecture MHRD's Innovation Cell Sponsored Workshop on "Human Genome Project in Drug Discovery and Development" on August 30-31, 2019, RBVRR Women's College of Pharmacy, Hyderabad.
60. Dr. Sutharsan – Oral talk UGC-sponsored National Conference on 'Recent Advances in Agriculture and Biomedical Research, March 6-7, 2020, Acharya Nagarjuna University.

61. Dr. Sutharsan – Invited talk "International Conference on Obesity, Diabetes and Cardiology – Trends in Genomics and Proteomics" February 25-26, Madurai Kamaraj University, 2020.
62. Dr. Anil K. Suresh, Associate Professor, Department of Biotechnology National Seminar on recent trends in particulate drug delivery systems. Chief Guest and Plenary Lecture, 22nd May, 2019 KVSR Siddhartha college of pharmacy and biotechnology, Vijayawada

Contributed Talks and Poster Presentations

Sl. No.	Faculty Member Name	Name of the conferences/seminars/workshops/ events	Dates
1	Dr. Prakash Jadhav	Webinar on Patents and Intellectual property rights, Presenter	June 10, 2020
2	Dr. Prakash Jadhav	Webinar on Mechanical Engineering at SRM AP, Presenter	June 3, 2020
3	Dr. G. S. Vinod Kumar	Webinar on Post Covid19: Resurgence of Indian Industry and R &D, 2nd Moderator & Organizer.	May 15, 2020
4	Dr. G. S. Vinod Kumar	Webinar on Post Covid 19: Science & Technology, Organizer	May 29, 2020
5	Dr. Venkata Nori	Webinar on Post Covid19: Resurgance of Indian Industry and R &D, Program Committee	May 15, 2020
6	Dr. Venkata Nori	Webinar on Post Covid 19: Science & Technology, Program Committee	May 29, 2020
7	Dr. Jayaprakash Sharma	Webinar on EOS Additive Manufacturing Solution for Academia, Organizer	Wed Jun 10, 2020
8	Dr. G. S. Vinod Kumar	Industry Academia Summit, Convener	20-21 Feb - 2020
9	Dr. Surfarazhussain S Halkarni	Industry Academia Summit, Co-Convener	20-21 Feb - 2020

10	Dr. Venkata Nori	Industry Academia Summit, Program Committee	20-21 Feb - 2020
11	Dr. Venkata Nori	UAV Workshop, Convener	Jan 3-5, 2020
12	Dr. G. S. Vinod Kumar	Research Day 2019, Co-Convener	31st January 2020
13	Dr. G. S. Vinod Kumar	ACCMS-ICMG- 2020, Organizing committee member	February 2020
14	Dr. Jayaprakash Sharma	Industry Academia Summit, Co-Convener	20-21 Feb - 2020
15	Dr. Jayaprakash Sharma	UAV Workshop, C0-Convenor	Jan 3-5, 2020
16	Dr. Satya Pramod Jammy	ACCMS-ICMG- 2020, Co-Convener	Feb 2020
17	Kumar babu Busi and Dr. Sabyasachi Chakrabortty	Mr Kumar Babu Busi, our PhD student won the Best Poster Award in Dr. Paarivendhar Research Colloquim held in SRM-IST	Sept -2019.
18	Dr. Sabyasachi Chakrabortty	Presented Poster on "ICONSAT 2020" an international conference held in Kolkata	March 5-7, 2020
19	V.G.Vasavi Dutt	Presented a poster on “Tunable and Reversible Anion- Exchange in CsPbBr3 Perovskite Nanocrystals with different inorganic sources” at "ICONSAT 2020" an international conference held in Kolkata.	March 5-7, 2020
20	Dr. Soumyajyoti Biswas	Contributed talk at 7th Indian Statistical Physics Community Meeting, ICTS Bangalore	19-21 February, 2020.

21	Dr. Sabyasachi Mukhopadhyay	Poster - Comparative Study of Solid State Electronic Transport across, Protein-based Molecular Junctions, Poster - International Conference on NanoScience and Technology (ICONSAT 2020) SN Bose National Centre for Basic Science, Kolkata.	March 5-7, 2020
22	Dr. Sabyasachi Mukhopadhyay	Poster - Molecule-electrodes coupling dominates the Optoelectronics Modulations in Protein-based Molecular Junctions, Poster - International Conference on NanoScience and Technology (ICONSAT 2020) SN Bose National Centre for Basic Science, Kolkata.	March 5-7, 2020
23	Dr. Sabyasachi Mukhopadhyay,	Poster - Electrical Transport across protein films - A development of Bio-inspired Electronics, 70th Indian Science Congress, 2020, Bangalore	Jan. 3-7, 2020
24	Dr. Sabyasachi Mukhopadhyay	Poster - Effect Of Electronic Coupling On Charge Transport Across Molecular Junctions, International Conference on Materials Genome (ACCMS - ICMG - 2020 and FRACMEET - 2020)	
25	Prof. Ranjit Thapa	POSTER - Theoretical identification of Silicene/Graphene heterostructure as anode material for Li-ion batteries, NCES-2019, S. N. Bose National Centre for Basic Sciences	

26	Prof. Ranjit Thapa	Electronic descriptors and design principles of graphene based electrocatalyst for ORR using QM/ML approach, NCES-2019, S. N. Bose National Centre for Basic Sciences	
27	Prof. Ranjit Thapa	Carbon Allotropes as Anode Material for Lithium-Ion Batteries, ISCA 2020	
28	Prof. Ranjit Thapa	B2H6 splitting on catalytic surfaces and role of BH3 towards hydrogen spillover	
29	Prof. Ranjit Thapa	Promoting reactivity of Graphene based catalysts with doping of Boron atom: A roadmap to achieve LH mechanism for CO oxidation (ACCMS-ICMG 2020)	
30	Dr. Salla Gangi Reddy	Oral Presentation, Generation of Bessel-Gauss coherence functions at SCOP-2019 held in PRL Ahmedabad.	
31	Dr. Malavika Binny	Lecture on Society, Disease and Science –4th Lecture in lecture series organized by History Collective, Delhi	
32	Dr. Ranjana Mehta	1st Research Day, SRM University, Amaravati,	January 29, 2020.
33	Dr. M. Radhakrishnan	1st Research Day, SRM University, Amaravati,	January 29, 2020.
34	Dr. Sivaramakrishnan	1st Research Day, SRM University, Amaravati,	January 29, 2020.
35	Dr. Awanish Tiwary	1st Research Day, SRM University, Amaravati,	January 29, 2020.
36	Dr. Jadav Ganesh	1st Research Day, SRM University, Amaravati, 29th January 2020. (**Silver Medalist**)	January 29, 2020.
37	Dr. Jayasree Subramanian	1st Research Day, SRM University, Amaravati, 29th January 2020.	January 29, 2020.

38	Dr. B. Madhav Reddy	1st Research Day, SRM University, Amaravati, 29th January 2020. (**Gold Medalist**)	January 29, 2020.
39	Dr. Parth Sarathi	1st Research Day, SRM University, Amaravati, 29th January 2020.	January 29, 2020.
40	Dr. Ram Baran Verma	1st Research Day, SRM University, Amaravati, 29th January 2020.	January 29, 2020.
41	Dr. Vijaykrishna Rowthu	1st Research Day, SRM University, Amaravati, 29th January 2020.	January 29, 2020.
42	Dr. Salome Divya Joseph	Session Chair at National Conference on "Service-Learning: A Sustainable Pedagogy", organized by Christ University, Bengaluru	February 28-29, 2020

Sponsored Research Projects

Sanctioned

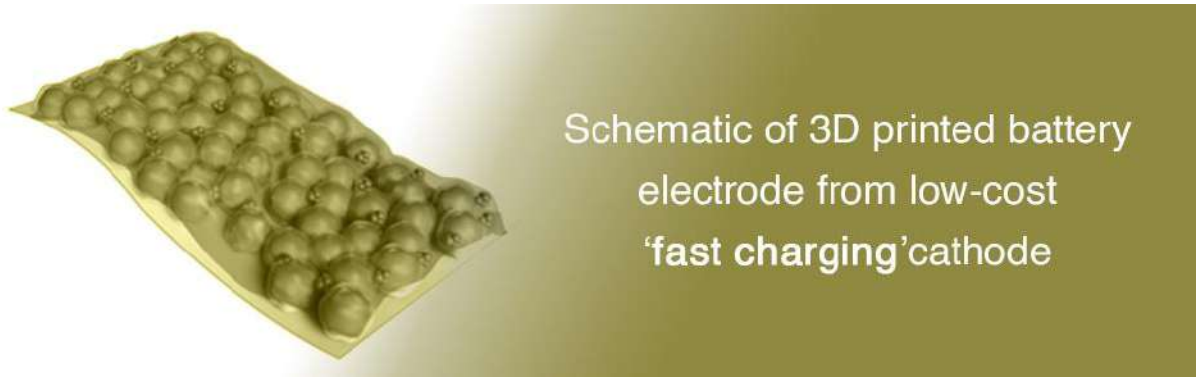
Sl. No.	Title of the Project	Names of the Investigators	Scheme / Funding Agency	Sanctioned amounts (in lakhs)	Duration / Status of the Project
1	Ion Beam Modification of Two Dimensional(2D) Layered Materials Heterostructures: Defect Engineering and Device Performances	Dr. Jatis Kumar Dash, Department of Physics	UGC-DAE	25.00	2019-22

2	Vector Vortex Beams and their Scattering for Communication Applications	Dr Gangi Reddy Salla, Department of Physics	DST-SRG	26.17	2019-21
3	Development of Fast Fluoride Ion Conducting Solid Electrolytes for Rechargeable Solid State Fluoride Ion Batteries	Dr Laxminarayana Patro, Department of Physics	DST-SRG	31.60	2019-21
4	Characterization of graphs by spectra of its distance and resistance matrix and some problems related to matrix theory and graph theory	Dr. Fouzul Atik, Department of Mathematics	DST-SRG	12.90	2019-21
5	Methane Emission from Tropical Aquatic Networks: Elucidating the underpinning mechanisms and landscape-level drivers	Dr. Shoji D. Thottathil, Department of Environmental Science	DST-SRG	30.22	2019-21

6	Design and Development of 'Fast Charging' Next-Generation Battery System and its Advanced Electronic Diagnostics	Dr. Sujith Kalluri, Department of Electronics and Communication Engineering	DST-SRG	30.00	2019-21
7	A scalable Secure Architecture Model for Privacy and Performance in IoT	Dr Ashok Kumar Pradhan, Department of Computer Science	DST-TARE	18.3	2019-21
8	Development of novel methods for deconvolution and denoising of seismic reflection data	Dr. Karthikeyan, Department of Electronics and Communication Engineering	DST-SERB	25.00	2019-22
9	SRM-Amara Raja Center for Energy Storage Devices	Dr. Pardha Saradhi Maram (Chemistry), Dr. Laxminarayana Patro (Physics), Dr. Sujith Kalluri (Electronics Engg.), Dr. Surfarazhussain S Halkarni (Mechanical Engg.), Dr. Jayaprakash Sharma P (Mechanical Engg.), Dr. Tousif Khan N (Electrical Engg.)		180.00	2020-23

Amara Raja Centre for Energy Storage Devices

Endorsing the spirit of collaboration between industry and academia, Amara Raja Batteries Ltd. (ARBL), India and SRM University-AP, Andhra Pradesh signed Memorandum of Understanding (MoU) to develop Amara Raja Centre for Energy Storage Devices at SRM University-AP campus. The SRM AP– Amara Raja Centre has been established to design and develop low-cost, fast-charging, next-generation Lithium-ion battery innovations for smarter E-mobility. The Centre has state-of-the-art facilities, powered by top researchers from industry and academia to drive innovation from the laboratory to market.



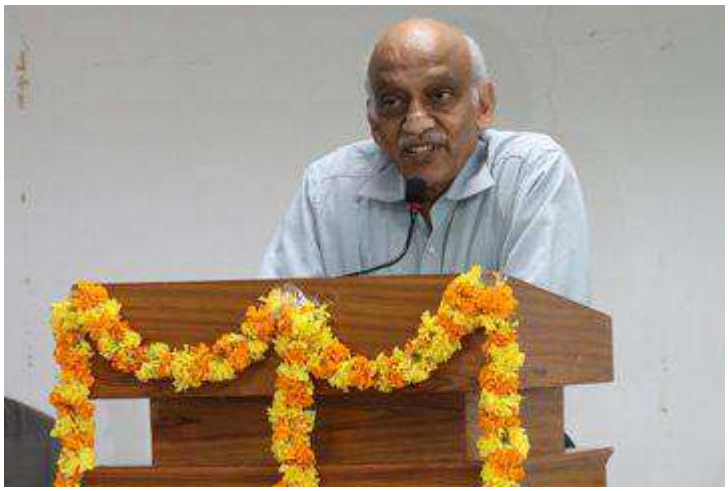
Tech-Fest 2019

Industry-Academia Summit 2020

Interactive session with industrial inventors

SRM AP Tech-fest was held on Saturday, 28th September 2019. Dr. A.S. Kiran Kumar, Chairman, Governing Council, Physical Research Laboratory, Ahmedabad and Former Chairman, ISRO was the chief guest. During the inaugural session, Prof. T. Pradeep (Institute Professor, IIT, Madras), Guest of Honour delivered a lecture titled "From Materials to Clean Water: Science, Technology and Industry". Techfest this year held 22 events including competitions, workshops and a guest lecture on cyber security by Satyavathi Divadari, Director of Cyber Security (NTS). With 774 registrations the festival achieved a new milestone! Great response for Machine learning, deep learning, gaming development, design and innovation, coderace and IOT workshops. HackSRM particularly was a resounding success with 150 participants, 44 coming from colleges in Mumbai, Bangalore, Chennai."

Pic: Prof. Narayana Rao, ProVC on India's self-reliance, leadership role and scientific milestones in communications technologies and the space program.



Chief Guest, former ISRO Chairman AS Kiran Kumar spoke of the many achievements of India's space program. "ISRO has launched 299 satellites and made significant strides in weather forecasting. There is a possibility of the launch of Gaganyan-2 on the 75th independence Day."

Guest Speaker, Prof. Thalapil Pradeep addressed the gathering on the importance of global water programs.

Research Day 2020

The first chapter of Research Day was observed at SRM University, AP Campus on 31st January 2020. The novelty of its inception was honoured with the presence of Chief Guest- Dr. R. Chidambaram, DAE Homi Bhabha Chair Professor, Bhabha Atomic Research Centre, Mumbai, and Former Chairman, Atomic Energy Commission, Guest of Honour, Prof. B Vengamma, Vice Chancellor and Director, Sri Venkateswara Institute of Medical Sciences, Tirupati, Prof. D. Narayana Rao, Pro Vice Chancellor, SRM University, AP, Dr. D. Gunasekaran, Registrar, SRM University, AP, Prof. Ranjit Thapa, Convener, Co-convenors- Dr. G.S. Vinod Kumar, and Dr. Karthik Rajendran, Deans, faculty members, students, and staff. The program was organized keeping in mind the necessity of developing a culture of research among the young students of the university, and to provide a platform to exchange and exhibit their innovative ideas.

Pro VC, Prof. Rao addressed the audience by speaking about the significance of scientific and technological research in substantially improving the socio-economic status of India. He says, "When our country became independent, India had a literacy rate of 12% and life expectancy of 32 years. In 70 years, India has reached the stature of being one of the top five economies of the world. This remarkable transformation is credited to science and technology. The advances in research gave birth to a whole generation of self-confident Indians who took up adventurous career path in India and abroad". Further, he applauded India's excellence in academics, space research, robotics, pharmaceuticals, bio medicine, manufacturing, and construction. Prof. Rao adds, "India is in dire need of regaining the pride and prestige associated with

research, which would provide an inspiring environment for students to showcase and nurture their aptitude in research".

Hon'ble Chief Guest, Padma Shri, Padma Vibhushan, Dr. R. Chidambaram is a nuclear scientist known for his integral role in developing India's nuclear weapons. He worked with the team that conducted the first nuclear test (Smiling Buddha) as Pokhran Test Range in 1974. Further, he coordinated and led the team- Department of Atomic Energy (DAE) that conducted the second nuclear test Pokhran II in May 1998. His inspiring address themed at the significance of research in generating knowledge that can mitigate problems pertaining to science and society. He believes that science is a universal consciousness that spars geographical boundaries and religions. He suggests, "We should equip our researchers to innovate and utilize the knowledge".

Directed basic research is necessary to meet the long term industrial and strategic needs of India. Dr. R. Chidambaram motivates the audience by demonstrating the current advancements in research, namely SRM's collaborative project with Tanishq 'hardening of 22 carat gold' and hydrogen train. He also mentioned multi-disciplinary projects such as world class Tumor Knee Prosthetics, research in the domain of low carbon energy, improvement in military strength and security through nuclear programs, Indian National Knowledge Network, RuTAG, and many more. He believes that India is an anti-fragile nation as it has become self-reliant by combating adverse situations and crises. In his views, optimistic and firmly resolved young scientists can take the nation forward with their continued research.

Guest of Honour, Prof. B. Vengamma, MBBS, DM (neurology) is the Director cum Vice Chancellor and Professor of Neurology at Shri Venkateshwara Institute of Medical Sciences, Tirupati. Through her 30 years of clinical, academic and research experience along with 27 years of administrative experience, she observed that low doctor-patient ratio in India contributed to negligible research time. Lack of documentation of ample medical cases has minimized the opportunity to conduct extensive research. However, she believes that progress in science is possible by encouraging more research in bio medicine. Also, she says, "In the recent times, barriers between engineering and medicine and life-sciences has blurred. Exchange of knowledge has bridged the gap between experimental findings in the lab and its actual application in the field of medicine".

As a part of the research day program, the students, Ph.D. scholars, and faculty were awarded with Gold Medal, Silver medal and certificates for their shortlisted research work that they had presented on 29th January, 2020. SRM University, AP published a book of combined abstracts submitted for the occasion on the Research Day. Hon'ble

guests spent time with researchers, enquired about their research, and encouraged them to further proceed with their research work that can aid to 'making lives better'.

National science Day 2020

"Invention of technology is a result of teamwork"- Dr. M. Lakshmi Kantham

On the eve of National Science Day, faculty, students, and staff of SRM AP assemble to celebrate the spirit of continued research and inventions which helps the world move forward. National Science Day is observed to acknowledge the discovery of Raman Effect by CV Raman in 1928. Aligned to the theme of 2020, "Women in Science", Prof. M. Lakshmi Kantham, Distinguished professor at Institution of Chemical Technology, Mumbai graced the inaugural ceremony as the Guest of Honour. Dr. D. Narayana Rao, Pro Vice-Chancellor, Dr. D. Gunasekaran, Registrar, and Prof. Jayaseelan Murugaiyan, along with Dr. Lakshmi Sirisha Maganti, Conveners, also presided the ceremony.

The distinguished guests paid homage to Prof. CV Raman and revered on his endless contribution to the field of scientific applications. Dr. D. Narayana Rao, Pro Vice-Chancellor expressed his regards towards Prof. CV Raman by explaining the plethora of applications of Raman Effect. He says, "One needs to be passionate, committed, and confident like Prof. CV Raman to excel in any field. Science Day is observed to recognize the scientists' contribution to society, to provide a platform to the young scientists and kindle their interest in science, to create awareness regarding the significance of science and its applications, to discuss issues, and to popularize the opportunities offered by science."

Dr. M. Lakshmi Kantham takes the dais to speak about women's contribution to science. She remembered the great works of women who contributed to science and technology. She recalled Anandibai Gopalrao Joshi, the first woman physician, Anna Mani, Indian physicist, and meteorologist, Ashima Chatterjee, inventor of anti-malarial drugs, to name a few. She used this opportunity to spread awareness among young students to avail of the benefits of various fellowship programs offered by the government to female students. She also identifies that the challenges witnessed by our country can be solved by encouraging more female students along with males to indulge in research. In her words, "Invention of technology is a result of teamwork. Passion, perfection, and persistence are key to research whereas hard work and innovation lead to success".

27 schools were invited to the campus of SRM AP. Young students from 8th and 9th standard flocked with their teachers to participate in various activities designed for them. The schools exhibited their science projects in groups. The students also participated in a science quiz, followed by oral presentation competition where they were to speak for two minutes on random topics. The winners were awarded gold and silver medals by Prof. Lakshmi Kantham to encourage the students to further excel in their careers and contribute to scientific research and innovations in the future.

International Conference on Material Genome (ACCMs-ICMG) and FRACMEET 2020

Organized by **SRM University – AP, Andhra Pradesh**

In Association with

Asian Consortium on Computational Material Sciences
Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru
The Institute of Mathematical Sciences, Chennai

Website: **https://srmap.edu.in/accms-2020/**

5-7 February, 2020 SRM University – AP, Andhra Pradesh, India

Summary:

The Asian Consortium on Computational Materials Science (ACCMS) was set up in 2000 in order to nurture and promote research and development activities in computational materials in Asian countries. The enormous leap in computational approaches followed by experiments over the past three decades, demonstrates vividly that this approach can play a key role in solving challenging research problems. Quantum Mechanics based calculations followed by Machine Learning (QM/ML) is proposed as the approach to solve the large probabilistic problems. The objective of the meeting is to provide a forum for recent advances in experiment, theory and data science to discover new materials and understand the fundamental properties of the materials. The current status interface future plans and prospects is highlighted, covering all the recent developments in First-Principles calculations, experiment, materials database and Machine Learning for materials is discussed, considering both positive and negative perspectives.

FRACMEET conferences are being organized for over a decade to focus on an aspect of Material Science – "Mechanical Properties of Complex Materials." The multidisciplinary collaborative meetings of this organization welcome scholars from Chemistry, Physics, and Engineering domains, along with people from the industry.

The conference was started on 5th February 2020. The inaugural session started at 9:30 A.M at Hall 3, 4th floor of the Academic block at SRM University - AP. The welcome address was given by Dr D. Gunasekharan, Registrar, SRM Univeristy – AP. Further addresses in the session were given by Prof. Y. Kawazoe, Tohoku Univeristy & SRMIST, Chennai, and Prof. P. Ray, IMSc, Chennai. After inauguration, the technical session started with the addresses of Prof. P. Jena (VCU, USA) and Prof. Y. Kawazoe. Following the first session, the programs were distributed in three parallel sessions, which was followed in the subsequent days of the conference as well.

In ACCMS-ICMG 2020 and Fracmeet-2020 six plenary talks were given in the following topic:

Dr. Puru Jena, VCU, USA, Title: In Search of Metastable Forms of Carbon
Dr. Yoshiyuki Kawazoe, Tohoku University Japan, Title: Theoretical Materials Research in Past and Future
Prof. Ferenc Kun, University of Debrecen Title: Discrete element modelling of the compressive failure of porous rocks
Dr. Shiv Khanna, VCU, USA Title: Transforming Redox Properties of Clusters Using Ligands to Create Super Dopants for TwoDimensional Semiconductors and to Synthesize Nano p- njunctions
Dr. Ranjit Thapa, SRM-AP, Title: Electronic Descriptor for carbon catalyst using QM/ML approach
Dr. Ryo Maezono, JAIST, Japan, Title: Ab initio Quantum Monte Carlo method; Role in Materials Genome
Apart from that, there were:

- 43 Invited Lectures USA, Japan, South Korea, Singapore, Saudi Arabia, United Kingdom, Sweden, Norway, Taiwan, Malaysia, Thailand
- 8 Young Researchers' presentation
- 5 contributed oral presentations
- *One POSTER session (total 87 posters)*

Topic of Parallel Sessions

- Materials Prediction, Database and Framework
- Electronic Properties and Computational Design
- Machine Learning for Materials – I
- Parallel: Energy Materials
- Machine Learning for Materials - II
- Energy
- Catalyst and Descriptor
- Metal oxides, Perovskites and Magnetic Materials
- Materials Informatics and Storage
- Energy, Plasmonic and ML

The sessions are packed with participants and very interactive. The speakers were interacting with the students during lunch break and dinner. The overall feedback from the participants was such conferences on the cutting edge research by internationally renowned researchers, with focus on new areas such a machine learning methods for material sciences, should be held in a regular basis.

Participation Information:

Sl. No	Participation in the event	Nos.
I.	**Plenary Speakers**	**6**
II.	**Invited Speakers**	**43**
III.	**Young Scientist**	**8**
IV.	**Ph.D. Students**	**65**
V.	**Postgraduate Students**	**35**
VI.	**Industry persons**	**4**

Total Participants including speakers is one hundred sixty-one (161)

Note: Fifty-eight male external participants and fourty four female external participants from all over India participated the workshop

1. Inaugural Session:


ACCMS
SRM University – AP

INTERNATIONAL COLLABORATIONS AND MOU's

Advancing collaborative education and research

SRM University-AP welcomes globally acclaimed universities in the fraternity of advancing education and research. Following leading universities of repute signed a Memorandum of Understanding between the academic year July 2019-June 2020 towards the progression of education and research. These universities are known with wide acclamation for their learning and research initiatives.

Collective wisdom and shared experiences have an immense capability to empower and enrich. According to the MoUs, the universities have agreed to collaborate to encourage academic cooperation through research and studies. The universities have further agreed to Faculty and Students' visits to their campuses for educational and research activities. Furthermore, deserving and eligible candidates from one university to another will be facilitated for admission in undergraduate and graduate programmes. The universities will mutually foster and promote the exchange of academic publications and scholarly information, along with other academic activities that enhance the goals mentioned earlier.

Sl. No.	Name of the University	Collaboration Level	Nature of Collaboration
1.	Massachusetts Institute of Technology, Cambridge, USA	MoU	Student Exchange, Faculty Exchange, Curriculum development
2.	World Education Laboratory	MoU	Research on learning, Curriculum development, teacher education and policy work
3.	EFREI, Engineering School of Information and Digital Technology, Paris, France	MoU	Academic Collaboration
4.	University of California Berkeley, Berkeley, USA	MoU	Student projects, Student Exchange, Course development, Faculty Exchange
5.	Integral Coach Factory, Chennai	MoU	Research collaboration
6	University of Skovde, Sweden	MoU	Student projects, Student Exchange
7.	Minerva Schools at KGI, Sanfrancisco, USA	MoU	Providing content and technology enabled platform for conducting the course "Introduction to Python Programming"
8.	Andhra Pradesh State Skill Development Corporation (APSSDC)	MoU	Skill Development programs for students
9.	Amara Raja Batteries Limited, Andhra Pradesh	MoU	Research collaboration
10	University of Wisconsin - Madison, USA	MoU	Student and Faculty exchange Program Atmospheric pressure plasma treatment for surface functionalization, metal oxide 2D composite for efficient solar hydrogen generation
11.	Asia University, Taiwan	MoU	Student Exchange, Faculty Exchange

12..	Illinois Institute of Technology, USA	MoU	Student and Faculty Exchange Program
13.	Northeastern University, USA	MoU	Student and Faculty Exchange Program
14.	Institute of Chemical Technology, Mumbai, India	MoU	Academic and Scientific Cooperation
15.	National Tsing Hua University, Taiwan	MoU	Promote learning in traditional Mandarin Chinese language among Indian students and to facilitate greater understanding and cooperation between higher education institutes of India and Taiwan
16.	Flinders University, South Australia	MoU	Research collaboration

CORPORATE RELATIONS & CAREER SERVICES

A) Mock Placement Drive:

The Department of CR & CS organized it on **December 19-20, 2019** for allowing the students to comprehend the entire placement process. Also, feedback was given to students by recruiters of various esteemed organizations, so that the students know where they stand in the competition. Industry HRs attended the process to help the students in gauging their Aptitude, Technical, and other skills and gave them their valuable suggestions.

			Technical skills	*Interpersonal Skills*	*Non Verbal*	*Attitude*	*Core Skills*	
Roll Number	**Name of The Student**	**Branch**	**Coding & Domain skill (40 Marks)**	**Communication (15 marks)**	**Eye Contact, Body Language 15 Marks)**	**Attitude (15)**	**Basic concepts in Subjects (25 Marks)**	**Total Score (110 marks)**
AP17110010069	SHUBHAM RAO	CSE	40	15	15	15	24	**109**
AP17110010081	GUMADA VELLY RAMYA	CSE	35	12	12	13	20	**92**
AP17110010113	SRI HARSHA TAVIDISETTY RAJENDRA	CSE	35	12	12	9	20	**88**
AP17110010024	SAI KRISHNA ROHITH KATTAMURI	CSE	35	14	10	13	15	**87**
AP17110010121	KOUSHIK BHARGAV MUTHE	CSE	30	13	11	13	18	**85**
AP17110020060	P. PAVAN SAI SATISH	ECE	20	14	14	14	23	**85**
AP17110010105	G ADARSH	CSE	25	14	14	13	16	**82**

AP171100 20034	THUMMA LA PANCHAJ ANYA	ECE	28	12	12	14	15	**81**
AP171100 20053	VOLLA JAYANTH	ECE	19	13	14	14	20	**80**
AP171100 10022	BHASKAR ANI SHARATH CHANDRA KUMAR	CSE	30	10	10	12	15	**77**
AP171100 30003	BAPATLA ANAND	MECH	20	12	12	10	22	**76**
AP171100 10020	POTLURI KOMALVE NKATSAT YANAGAR AJACHOW DARY	CSE	25	12	12	12	13	**74**
AP171100 20022	VUNNAVA SAI LIKHITA	ECE	22	12	12	12	16	**74**
AP171100 20067	PARSHAL CHITRAKA R	ECE	14	14	14	14	18	**74**
AP171100 10058	M.NILOFE R SULTANA	CSE	25	12	12	13	11	**73**
AP171100 20046	GAMPA SAI NIKHIL	ECE	18	14	14	9	18	**73**
AP171100 30005	GOGULA SRI KALYAN MANI DEEPAK	MECH	20	10	10	10	22	**72**
AP171100 10025	Y.R.POOJIT H REDDY	CSE	30	6	9	8	18	**71**
AP171100 10039	NAGAMLL A VENKATA SAI NIKHITH	CSE	25	9	10	11	16	**71**

AP171100 10123	SANAGON DA SURYA	CSE	25	10	10	10	16	**71**
AP171100 10061	PUSHYA MITRA KOLLIPAR A	CSE	25	12	10	10	13	**70**
AP171100 10116	HUMAYRA .SYED	CSE	27	10	9	10	13	**69**
AP171100 10133	BIJAY ADHIKARI	CSE	30	6	7	9	17	**69**
AP171100 20017	JAYASRI VEERAVIL LI	ECE	25	10	9	10	15	**69**
AP171100 10059	R.MANOJ CHOWDA RY	CSE	25	10	8	8	17	**68**
AP171100 20002	K JOSHUA PRAKASH	ECE	22	10	12	14	10	**68**
AP171100 10013	TALARI HRISHEEK ESH	CSE	9	12	12	12	20	**65**
AP171100 20027	Agniswar Paul	ECE	16	14	14	12	9	**65**
AP171100 10035	HARIKRIS HNA	CSE	20	9	10	10	15	**64**
AP171100 10085	M.MAHEN DRA	CSE	28	6	8	9	13	**64**
AP171100 10012	SAI RISHVANT H K	CSE	10	13	10	11	18	**62**
AP171100 20029	KANIKELL A RAHUL CHANDRA	ECE	20	8	9	10	15	**62**
AP171100 10067	SOMAROU THU SRIKANTH	CSE	18	8	8	8	19	**61**
AP171100 20057	GINJUPAL LY HIMABIND U	ECE	12	12	12	10	15	**61**
AP171100 10011	RITIKA KATRAGA DDA	CSE	25	10	9		15	**59**

AP171100 10053	BOPPANA PAVAN TEJA	CSE	15	12	12	10	10	**59**
AP171100 20008	BHUPATHI RAJU AKANKSH A SAHITYA	ECE	10	12	12	10	15	**59**
AP171100 20023	SARIPUDI SAI KRISHNA	ECE	15	12	12	10	9	**58**
AP171100 10049	ALLURI HARIKA	CSE	12	10	10	7	18	**57**
AP171100 20066	ROHIT SAI KASUKUR THI	ECE	10	11	10	9	16	**56**
AP171100 30006	VISWANA DHA VAMSI	MECH	15	12	9	10	10	**56**
AP171100 10124	SRILAKSH MI PRIYANKA	CSE	15	10	12	8	10	**55**
AP171100 20021	CHINTAL A KEERTHY	ECE	12	9	12	12	9	**54**
AP171100 20036	RETTAPAL LI AKSHAY KUMAR	ECE	10	12	12	8	12	**54**
Ap171100 10006	PESALA SAI TANMAYI	CSE	10	10	10	10	12	**52**
AP171100 10090	RAHUL SIVA SATYA SAI VEJJU	CSE	12	10	8	10	12	**52**
AP171100 20012	APARNA SACHIDA NAND BHATTA	ECE	7	14	14	12	5	**52**
AP171100 10063	S.SREEKA NTH RAO	CSE	15	8	8	8	12	**51**
AP171100 10129	RAKUSH RIMAL	CSE	8	9	9	9	16	**51**

AP171100 20009	HARIDAS U.RISHITH A	ECE	9	12	10	10	10	**51**
AP171100 20058	KRISHNA SHIVANI	ECE	8	10	10		23	**51**
AP171100 30001	RAJESH A	MECH	15	7	7	10	12	**51**
AP171100 10021	AADITYA JAIN	CSE	4	12	12	12	10	**50**
AP171100 10036	S.MANOJ VARMA	CSE	10	10	10	8	12	**50**
AP171100 20011	CHINIMIL LI MANASA	ECE	8	10	12	12	8	**50**
AP171100 10023	B.PRUDHV IKRISHNA	CSE	12	9	10	10	8	**49**
AP171100 10078	CHINNAM SRAVANI	CSE	10	8	10	8	13	**49**
AP171100 10097	GADDAM AKHILESH WAR REDDY	CSE	9	7	8	8	17	**49**
AP171100 20019	GOVINDU SURYA SINDHU	ECE	7	12	12	8	10	**49**
AP171100 10055	MOHAN VAMSI SAJJA	CSE	10	10	12		15	**47**
AP171100 10088	PAVAN KRISHNA	CSE	10	10	8	7	12	**47**
AP171100 10002	RAMPATI VENKAT TARUN	CSE	15	7	5	7	12	**46**
AP171100 30009	DINESH SAI	MECH	15	5	5	5	15	**45**
AP171100 10064	D.JASHWA NTH REDDY	CSE	15	7	6	7	9	**44**
AP171100 10125	PULLELA. MADHUSR I CHOWDA RY	CSE	8	8	7	7	14	**44**

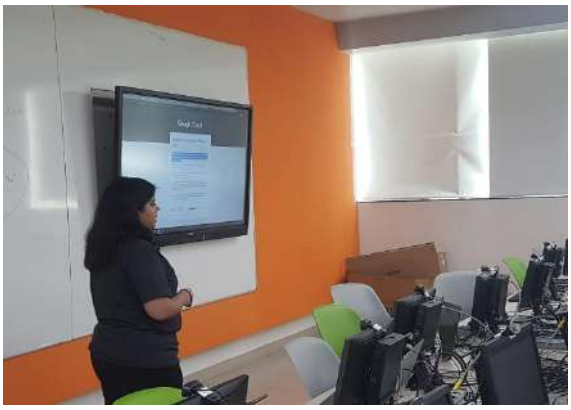
AP171100 20020	YENDLURI SRICHAND ANA	ECE	8	8	8	10	10	**44**
AP171100 20030	RAMACH ANDRA CHARANS AI	ECE	10	7	9	9	9	**44**
AP171100 20072	P. R. RadhaKrish na	CSE	10	7	7	7	13	**44**
AP171100 20039	VADLAMU DI YASWANT H SAI	ECE	7	9	10	5	12	**43**
AP171100 10103	CHATTAL A VASUNDH ARA	CSE	5	7	8	9	13	**42**
AP171100 10110	KOVUR SAI SRUTHI	CSE	10	6	8	8	10	**42**
AP171100 10056	NEELAKA NTAM POORNA VENKAT	CSE	8	7	8	8	8	**39**
AP171100 20044	TELUGUN TLA NAGA BALA REVANTH	ECE	5	10	10	9	5	**39**
AP171100 10139	JAY PRAKASH GUPTA	CSE	10	7	7	6	8	**38**
AP171100 20063	D PAVAN BRAHMA REDDY	ECE	5	9	9	9	6	**38**
AP171100 10112	MAKKENA ALEKHYA	CSE	7	8	6	6	10	**37**
AP171100 10111	JONNALA GADDA NOYAL	CSE	7	5	7	5	11	**35**

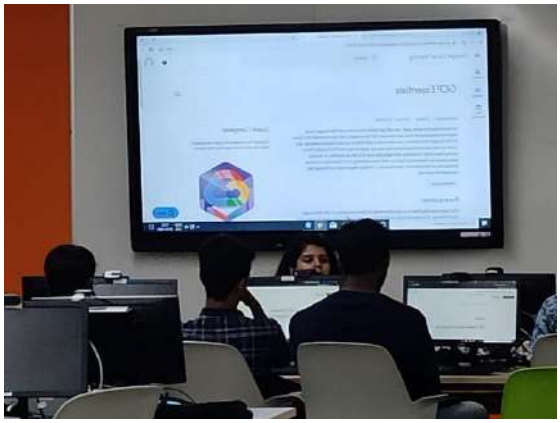
AP171100 10032	SAI SASHIKANTH REDDY YADAMAKANTI	CSE	5	7	7	8	7	**34**
AP171100 10043	DODDI CHANDRA PYDIKUMAR	CSE	1	8	10	9	6	**34**
AP171100 10091	DEEPIKA DABBURI	CSE	8	4	4	10	8	**34**
AP171100 10007	NEHA NIMMAGADDA	CSE	1	9	10	10	2	**32**
AP171100 10029	GOTTIPATI VAMSI KRISHNA	CSE	2	6	8	7	9	**32**
AP171100 10106	NAGAM MADHAVI	CSE		7	7	9	9	**32**
AP171100 10014	PALADUGU PRUDHVI KRISHNA	CSE	2	6	7	7	9	**31**
AP171100 10060	PUDI JAHNAVI	CSE	5	7	7	7	3	**29**
AP171100 20059	SINGAMSETTY JASWANTH	ECE	5	6	9	7	2	**29**
AP171100 20037	KAMBHAMPATI DINESH	ECE	1	9	8	8	2	**28**
AP171100 30004	HARI PRABHU. J	MECH	8	4	4	8	4	**28**
ap171100 10135	ASHUTOSH SINGH	CSE	5	6	5	6	5	**27**
AP171100 30002	PAVAN SAI LANKALAPALLI	MECH	5	5	5	5	5	**25**
AP171100 10010	KOYA VENKAT SAIVARAPRASAD	CSE	1	7	7	7	1	**23**

AP171100 10054	LALITHYA KRISHNA GARAGA	CSE	0	6	5	6	2	**19**
AP171100 10009	JAGADEESH CHOWDARY KOMMINENI	CSE	0	6	5	4	0	**15**
AP171100 10044	SIVA KRISHNA ATHOTA	CSE	0		6	6	2	**14**

B) Google Cloud Certificate

The GCP (Google Cloud Professional) certificate workshop was organized by Google on January 7, 2020, and around 60 students participated in the workshop.







The GCP (Google Cloud Professional) certificate workshop

C) Parents Meeting:

Parents meeting was organized on February 8, 2020 to acquaint parents of the first batch of SRM University-AP, Andhra Pradesh with the current opportunities in the industry, and to inform them about their wards' progress, enabling them to prepare for the upcoming campus placements.




Interactive meet with the parents

D) Industrial Visits:

The University recognizes the fact that field trips and excursions are important components for a student's development. They are an important ingredient to the instructional programme of our University. These activities supplement and enrich classroom learning, and encourage new interests amongst students. It also makes them more aware of community resources, and helps them relate their educational experience to the outside world. Different field trips and excursions were planned and executed at SRM University-AP. As such, apart from the academic development, the University focused on the social and overall development of our students. Industry tours are an integral part of the University curriculum. These tours ensure that students gain practical insights to industry operations in their respective areas of specialization.

Some of the visits that students have undertaken:

Coca Cola (Plant) India at Mangalagiri.

Field trip to Coca Cola Plant, Mangalagiri, India

E) Guest Lectures/Webinars:

During the entire year and the pandemic, the department organized various Webinars to keep the students engaged and encouraged.

Webinar Details: 01
Topic: IoT-2020 – **The Future World of thing.**
Resource person: **Mr. Quazi Habibul Islam, HR Manager, HP.**
Date: **18/04/2020**
Time: **05:30 PM to 06:30 PM**

Webinar Details: 02
Topic: **IoT-2020 – The Future World of thing.**
Resource person: **Mr. Damodar Sahu, Head of Digital Strategy, Wipro Ltd., USA.**
Date: **25/04/2020**
Time: **05:30 PM to 06:30 PM**

Webinar Details: 03

Topic: **Learning in Challenging Situations**

Resource person: **N. Lakshminarasimhan GM (HR), Brakes India P Ltd., Padi, Chennai.**

Date: **02/05/2020**

Time: **05:30 PM to 06:30 PM**

Webinar Details: 04

Topic: **Challenges & opportunities in critical sectors and long-term strategic direction to deal with uncertainty within and across nations**

Resource person: **Dr. Bade Simhachalam (PhD-IITM, Management from ICFAI), Senior General Manager, Tube Investments of India, Murugappa Group, Chennai.**

Date: **09/05/2020**

Time: **05:30 PM to 06:30 PM**

Webinar Details: 05
Topic: **Future Skills in a Digital World**
Resource person: **Mr. Bikram Keshori Nayak, Head - Human Resource, L&T NxT.**
Date: **16/05/2020**
Time: **05:30 PM to 06:30 PM**

Webinar Details: 06

Guest: **Mr. Swaminathan Lakshmanan Head - Talent Acquisition, Olam Information Services**

Date: **23/05/2020**

Time: **05:30 PM to 06:30 PM**

Topic: **Skills for the Post-Covid World**

Webinar Details: 07

Topic: **Learning Strategies in Post-Covid World**

Panelist & Moderator:

1) Mr. Bharathan Prahalad, Assistant Vice President, Human Resources at FSS – Panelist.

2) Mr. Sriram S. Padmanabhan, Director (Career Center), SRM Institute of Science and Technology / SRM-AP – Panelist.

3) Mr. Vivekanandan .M.S, Assistant General Manager, Corporate Relations & Career Services, SRM University-AP – Moderator.

Date: **30/05/2020**

Time: **05:30 PM to 06:30 PM**

Webinar Details: 08

Topic: **Do's and Don'ts of the online interview" by Mr. Rahul Sivakumar, Lennox India Technology Centre and note the below schedule & zoom credentials:**

Date: **31/05/2020**

Time: **12.00 pm to 01.00 pm**

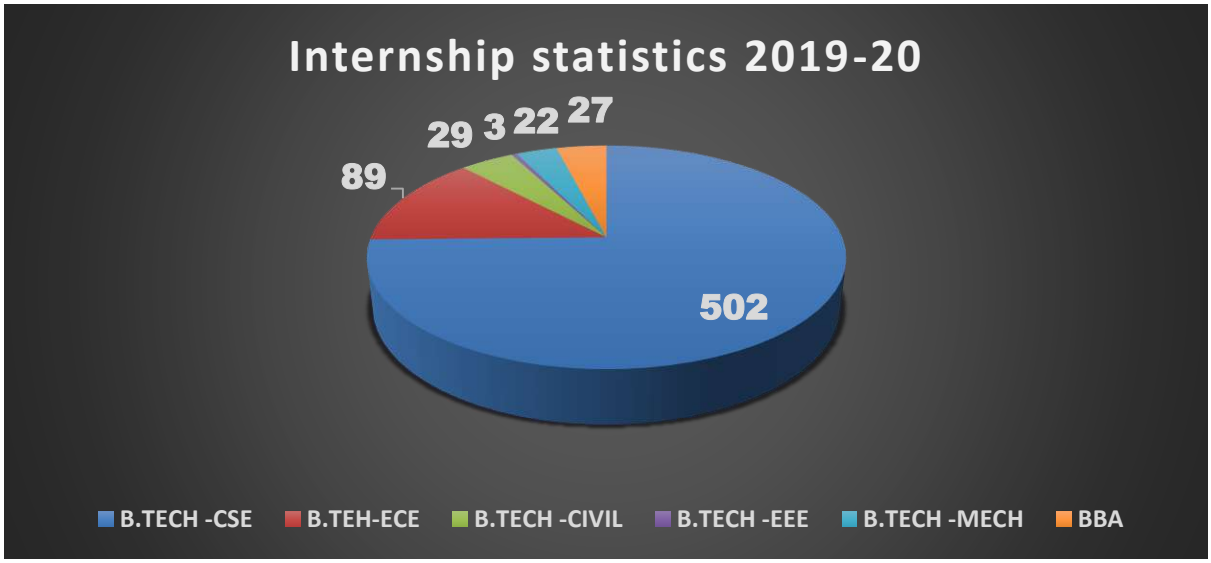
Webinar Details: 09
Topic: **Virtual Interview preparation by Mr. Shivaraj G., Media.net, Mumbai**
Purpose: Virtual Interview preparation by Mr. Shivaraj G., Media.net, Mumbai
Date: 29/05/2020
Time: 10.30 am to 12.00 pm

Webinar Details: 10
Topic: **Business & Covid – Skills, Capability and Way Forward.**
Resource person: **Mr. Sathya Prakash Sekaran, Vice President – Human Resources, Amtex Software Solutions Pvt. Ltd.**
Date: **06/06/2020**
Time: **05:30 PM to 06:30 PM**
SRM University-AP – Moderator.
Date: **30/05/2020**
Time: **05:30 PM to 06:30 PM**

F) Summer Internship Reports. (2018 – 2022 Batch)

SRM University-AP successfully completed its summer internship process for the 2021, 2022, and 2023 passing out batch of all departments under SEAS & SLABS. All companies made internship offers to the class of 672 students.

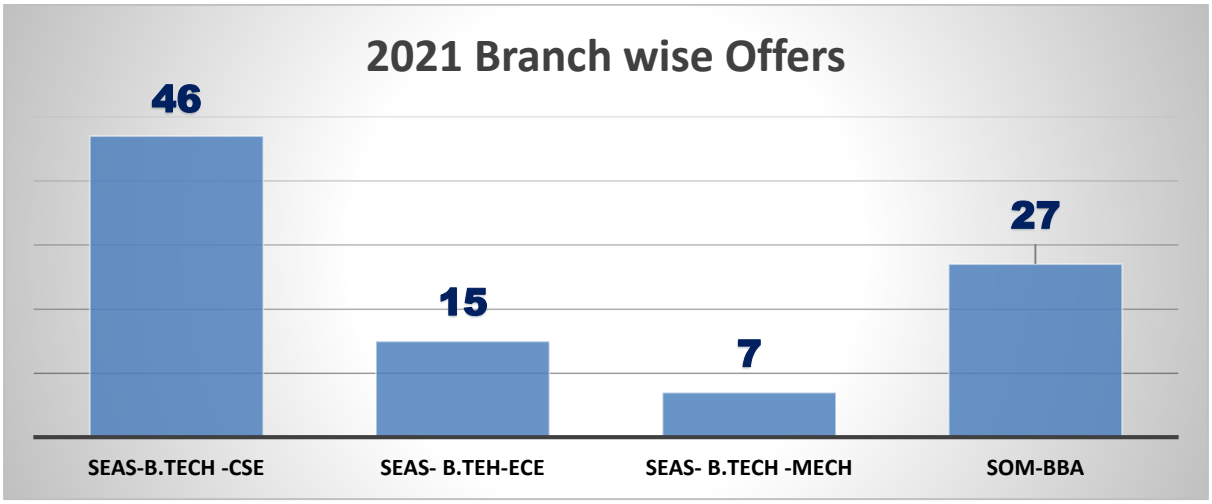
Branch	2021 Passing out	2022 Passing out	2023 Passing out	Grand Total
B.TECH -CSE	46	358	98	502
B.TEH-ECE	15	72	2	89
B.TECH -EEE	NA	1	2	3
B.TECH -MECH	7	14	1	22
B.TECH -CIVIL	NA	28	1	29
SOM-BBA	27	NA	NA	27
Grand Total	96	472	104	672



Year and Department Wise Data

2021 Passing out Batch

Row Labels	2021 Passing out Batch
SEAS-B.TECH –CSE	46
SEAS- B.TEH-ECE	15
SEAS- B.TECH –MECH	7
SOM-BBA	27
Grand Total	96



Sl. No	Student Name	Organisation	Roll	Branch	PROJECT TITLE
1	Aditya Dhir	APSSDC	AP17110010001	CSE	Android Dev.
2	P.Sai Tanmayi	APSSDC	AP17110010006	CSE	Web Dev. Django
3	Jagadeesh Chowdary Kommineni	APSSDC	AP17110010009	CSE	AWS Cloud
4	Koya venkat	APSSDC	AP17110010010	CSE	AWS Cloud
5	Hemasai Nagothi	APSSDC	AP17110010019	CSE	Web Dev. Django
6	Potluri. Komal Venkat Satya Naga Raja Chowdary	APSSDC	AP17110010020	CSE	Web Dev. Django
7	B. Sharath Chandra Kumar	APSSDC	AP17110010022	CSE	AWS Cloud
8	B.Prudhvikrishna	APSSDC	AP17110010023	CSE	Web Dev. Django
9	Sai Krishna Rohith Kattamuri	APSSDC	AP17110010024	CSE	Android Dev.
10	Y.R.Poojith Reddy	APSSDC	AP17110010025	CSE	Android Dev.
11	Sunkara Venkata krishna	APSSDC	AP17110010034	CSE	Android Dev.
12	S Manoj varma	APSSDC	AP17110010036	CSE	Web Dev. Django
13	Nikhith	APSSDC	AP17110010039	CSE	AWS Cloud
14	DODDI CHANDRA PYDIKUMAR	APSSDC	AP17110010043	CSE	Android Dev.

15	Mohammad Nilofer Sultana	APSSDC	AP17110010058	CSE	Web Dev. Django
16	PUDI JAHNAVI	APSSDC	AP17110010060	CSE	Web Dev. Django
17	S.Sreekanth Rao	APSSDC	AP17110010063	CSE	Web Dev. Django
18	Jashwanth reddy Dodda	APSSDC	AP17110010064	CSE	Android Dev.
19	Radhakrishna	APSSDC	AP17110010072	CSE	Web Dev. Django
20	Chinnam Sravani	APSSDC	AP17110010078	CSE	Android Dev.
21	RAVULA RUTHVICK	APSSDC	AP17110010084	CSE	Android Dev.
22	M.Mahendra	APSSDC	AP17110010085	CSE	Android Dev.
23	Vyshnavi G	APSSDC	AP17110010087	CSE	Android Dev.
24	Rahul Siva Satya Sai Vejju	APSSDC	AP17110010090	CSE	Web Dev. Django
25	Mallineni Sai Teja	APSSDC	AP17110010093	CSE	Android Dev.
26	Muvva Sahithya Priya	APSSDC	AP17110010095	CSE	Android Dev.
27	GADDAM AKHILESHWAR REDDY	APSSDC	AP17110010097	CSE	Android Dev.
28	CHATTALA VASUNDHARA	APSSDC	AP17110010103	CSE	Android Dev.
29	shashank	APSSDC	AP17110010104	CSE	Python
30	Nagam Madhavi	APSSDC	AP17110010106	CSE	Android Dev.
31	Naga Sai Sathvika . P	APSSDC	AP17110010108	CSE	Web Dev. Django
32	Kovur Sai Sruthi	APSSDC	AP17110010110	CSE	Web Dev. Django
33	Jonnalagadda Noyal	APSSDC	AP17110010111	CSE	Android Dev.
34	Alekhya Makkena	APSSDC	AP17110010112	CSE	Web Dev. Django
35	Sri Harsha Tavidisetty Rajendra	APSSDC	AP17110010113	CSE	AWS Cloud
36	YELISETTY SRIVARSHA	APSSDC	AP17110010114	CSE	Android Dev.
37	Syed Humayra	APSSDC	AP17110010116	CSE	Android Dev.
38	Priyanka	APSSDC	AP17110010124	CSE	Python
39	Pullela.Madhu Sri Chowdary	APSSDC	AP17110010125	CSE	Android Dev.
40	Sirjeet Man Tamrakar	APSSDC	AP17110010126	CSE	Android Dev.

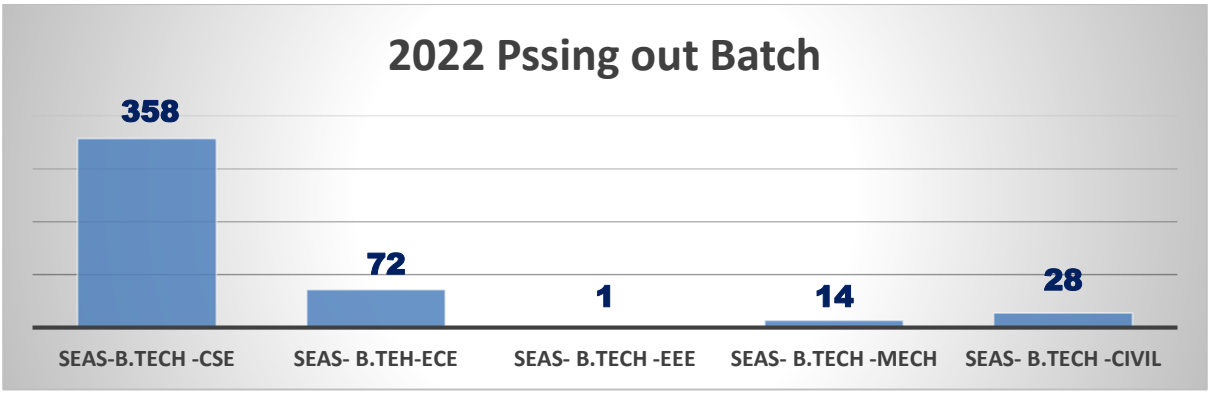
41	Gaurav Dahal	APSSDC	AP17110010128	CSE	Android Dev.
42	Rakush Rimal	APSSDC	AP17110010129	CSE	Web Dev. Django
43	Cyrus Maharjan	APSSDC	AP17110010130	CSE	Web Dev. Django
44	Ramesh Kumar Yadav	APSSDC	AP17110010131	CSE	Web Dev. Django
45	Ashim Chaudhary	APSSDC	AP17110010134	CSE	Web Dev. Django
46	Manyea Gafaru	APSSDC	AP17110010143	CSE	Android Dev.
47	K Joshua Prakash	APSSDC	AP17110020002	ECE	Web Dev. Django
48	Mohana sai kumar reddy Bobba	APSSDC	AP17110020005	ECE	Web Dev. Django
49	Bhupathiraju Akanksha Sahitya	APSSDC	AP17110020008	ECE	Web Dev. Django
50	Haridasu Rishitha	APSSDC	AP17110020009	ECE	Android Dev.
51	Saripudi Sai Krishna	APSSDC	AP17110020023	ECE	Web Dev. Django
52	ch shiva prasad	APSSDC	AP17110020026	ECE	Web Dev. Django
53	Pranav	APSSDC	AP17110020032	ECE	Python
54	Thummala Panchajanya	APSSDC	AP17110020034	ECE	AWS Cloud
55	R.Akshaykumar	APSSDC	AP17110020036	ECE	Web Dev. Django
56	Vadlamudi Yaswanth Sai	APSSDC	AP17110020039	ECE	Web Dev. Django
57	Nikhil Chakravarthy	APSSDC	AP17110020045	ECE	Web Dev. Django
58	D.BENYAMIN	APSSDC	AP17110020050	ECE	Web Dev. Django
59	P. Pavan Sai Satish	APSSDC	AP17110020060	ECE	Web Dev. Django
60	K.Lakshmi Vyshnavi	APSSDC	AP17110020061	ECE	Web Dev. Django
61	Parshal chitrakar	APSSDC	AP17110020067	ECE	Web Dev. Django
62	Pavan Sai Lankalapalli	APSSDC	AP17110030002	MECH	Android Dev.
63	Bapatla Anand	APSSDC	AP17110030003	MECH	CATIA
64	Chaithanya R	APSSDC	AP17110030008	MECH	CATIA
65	Akshay Unnikrishnan	APSSDC	AP17110030010	MECH	CATIA
66	Surya Narayana Adusumilli	APSSDC	AP17110030011	MECH	CATIA

67	Suchet Bahadur Thapa	APSSDC	AP17110030013	MECH	CATIA
68	Sujan bahadur Thapa	APSSDC	AP17110030014	MECH	CATIA
69	Krishna Deepika	Murugappa	AP18110020089	BBA	Electrical and Electronics design aspects of Battery System.
70	Kandukuri Bala Venkata Lakshmi	Murugappa	AP18110020095	BBA	Controls for Electrical Motors/Battery System.
71	Veda Sahithi Bandi	Murugappa	AP18110020130	BBA	Electrical and Electronics design aspects of Electrical Motors.
72	PABOLU MOHAN ADITYA	Murugappa	AP18110030009	BBA	Guidelines for Design and manufacture of Electric Motors/Power Systems.
73	MUDIREDDY RAVITEJA REDDY	Murugappa	AP18110030065	BBA	Mechanical Design of Electrical Motors/Battery System.
74	HariHaran D	Murugappa	AP18110030075	BBA	Mechanical /Electrical/Electronic testing requirements and design regulations of automotive/Electronic systems.
75	Kativarapu Koushik	Murugappa	AP18110050009	BBA	Approach to reduce accidents with Dividers on highways.
76	Sadineni Amruthavarshini	Murugappa	AP18110050038	BBA	Challenges in Building/highway structures and need of changes in design approach
77	Likhitha. P	Virun Novotel	AP18211010004	BBA	Finance

78	Likitha.P	Virun Novotel	AP18211010004	BBA	Finance vn
79	Yasaswini. M	Virun Novotel	AP18211010014	BBA	Finance
80	M.Yasaswini	Virun Novotel	AP18211010014	BBA	Finance
81	Ram. N	Virun Novotel	AP18211010015	BBA	HRD
82	Meghana. M	Virun Novotel	AP18211010020	BBA	Finance
83	Harhitha .P	We Paln Solutions	AP18211010026	BBA	Finance sol
84	Rashmika. M	Virun Novotel	AP18211010032	BBA	HRD
85	P.Sangana	We Paln Solutions	AP18211010033	BBA	Digital Marketing
86	Krithika. N	Virun Novotel	AP18211010035	BBA	Finance
87	N.Lakshmi Karthika	Virun Novotel	AP18211010035	BBA	Finance
88	Venkata Krishna Vardhan Tangutur	Murugappa	AP18211010036	BBA	Financial challenges in home appliance industries
89	Vasavi. B	Virun Novotel	AP18211010043	BBA	HRD
90	T.Sai Priya	META	AP18211010044	BBA	Sales
91	Yasaswy V	Murugappa	AP18211010045	BBA	Financial challenges in Electrical/Electronics industries post Corona
92	Yasaswy. V	Virun Novotel	AP18211010045	BBA	Finance
93	V.Yasaswy	We Paln Solutions	AP18211010045	BBA	Marketing
94	Nandita . Vesangi	Murugappa	AP18211010047	BBA	Role of HR function on the health of Bottom line employees to improve the effectiveness of an organisation Post Corona.
95	K.Rajieev	We Paln Solutions	AP18211010054	BBA	Marketing

2022 Passing out Batch

Row Labels	2022
SEAS-B.TECH -CSE	358
SEAS- B.TEH-ECE	72
SEAS- B.TECH -CIVIL	28
SEAS- B.TECH -EEE	1
SEAS- B.TECH -MECH	14
Grand Total	473



Sl. No	Student Name	Organisation	Roll	Branch	PROJECT TITLE
1	Mayukha Tellabati	APSSDC	AP18110010003	CSE	Web Dev. Django
2	Guntaka Chaitanya Suhaas Reddy	APSSDC	AP18110010005	CSE	Web Dev. ReactJS
3	Gunturu Hemanth Sai Kumar	APSSDC	AP18110010006	CSE	Web Dev. ReactJS
4	Suhitha	APSSDC	AP18110010007	CSE	AWS Cloud
5	Aravapalli Venkata Gopichand	APSSDC	AP18110010009	CSE	Web Dev. ReactJS
6	Trived Katragadda	APSSDC	AP18110010010	CSE	Web Dev. Django
7	Kondapalli Anvesh Reddy	APSSDC	AP18110010014	CSE	Android Dev.
8	Hanesh Koganti	APSSDC	AP18110010016	CSE	Python

9	S.Srinivas Kalyan	APSSDC	AP18110010017	CSE	Web Dev. Django
10	Puvvada Tejaswini	APSSDC	AP18110010021	CSE	Web Dev. ReactJS
11	Rachana M V N S	APSSDC	AP18110010022	CSE	Web Dev. Django
12	Addala Sai Sri Vaishnavi	APSSDC	AP18110010024	CSE	AWS Cloud
13	Pranav Kala	APSSDC	AP18110010025	CSE	Web Dev. Django
14	Harshitha Lingamaneni	APSSDC	AP18110010026	CSE	Web Dev. Django
15	G.Geetanjali	APSSDC	AP18110010027	CSE	AWS Cloud
16	Swetha Gadey	APSSDC	AP18110010028	CSE	Android Dev.
17	Thota Mohan Sai Krishna	APSSDC	AP18110010029	CSE	Android Dev.
18	Gunda Srujana	APSSDC	AP18110010030	CSE	Web Dev. Django
19	M.Meher Ramya	APSSDC	AP18110010037	CSE	Web Dev. Django
20	Pothula Kethan	APSSDC	AP18110010039	CSE	AWS Cloud
21	Rahul Korraprolu	APSSDC	AP18110010041	CSE	Python
22	Likhita.Y	APSSDC	AP18110010044	CSE	Android Dev.
23	Chennu Yogasri	APSSDC	AP18110010045	CSE	AWS Cloud
24	Shaik Afroz Ahmed	APSSDC	AP18110010046	CSE	Android Dev.
25	G.Abhijith	APSSDC	AP18110010047	CSE	Python
26	Partha Saradhi Reddy	APSSDC	AP18110010048	CSE	Android Dev.
27	Kodukula Revanth	APSSDC	AP18110010050	CSE	Android Dev.
28	Chirravuri Sai Vibhav	APSSDC	AP18110010051	CSE	Web Dev. ReactJS
29	K.Sai Sandeepa	APSSDC	AP18110010055	CSE	AWS Cloud

30	Adesh Gupta	APSSDC	AP1811001 0058	CSE	Web Dev. ReactJS
31	Yagnasree	APSSDC	AP1811001 0061	CSE	AWS Cloud
32	Sai Likhitha Kaveti	APSSDC	AP1811001 0064	CSE	Web Dev. Django
33	K N V Bhagya Avinash	APSSDC	AP1811001 0065	CSE	Web Dev. Django
34	Sathvik Udayagiri	APSSDC	AP1811001 0066	CSE	Android Dev.
35	Ganesh Yaswanth	APSSDC	AP1811001 0070	CSE	Web Dev. ReactJS
36	Gangaraju Sai Moukthika	APSSDC	AP1811001 0073	CSE	Android Dev.
37	P.Sai Revanth	APSSDC	AP1811001 0076	CSE	Web Dev. Django
38	K Revanth Kumar	APSSDC	AP1811001 0077	CSE	Android Dev.
39	Sadhvika Nalluri	APSSDC	AP1811001 0078	CSE	Android Dev.
40	Kanulla Sai Krishna	APSSDC	AP1811001 0080	CSE	Android Dev.
41	Eppela Vikash	APSSDC	AP1811001 0081	CSE	Android Dev.
42	Karumanchi Surendra	APSSDC	AP1811001 0082	CSE	Android Dev.
43	Chiatanya Palakayala	APSSDC	AP1811001 0083	CSE	Web Dev. ReactJS
44	Sri Krishna	APSSDC	AP1811001 0084	CSE	Android Dev.
45	M Pawan Aditya	APSSDC	AP1811001 0085	CSE	Android Dev.
46	Kunapaneni Sai Ajay Kumar	APSSDC	AP1811001 0086	CSE	Android Dev.
47	Yanamala Maneesha Reddy	APSSDC	AP1811001 0087	CSE	Web Dev. ReactJS
48	Tumula Mani Harsha	APSSDC	AP1811001 0088	CSE	Web Dev. ReactJS
49	Velaga Sai Surya	APSSDC	AP1811001 0090	CSE	Web Dev. ReactJS
50	Pattan Mehafooz Ali Khan	APSSDC	AP1811001 0092	CSE	Web Dev. ReactJS

51	Koya.Avinash	APSSDC	AP1811001 0093	CSE	Android Dev.
52	Nikhila	APSSDC	AP1811001 0094	CSE	Python
53	Lokesh Kumar Reddy	APSSDC	AP1811001 0095	CSE	Android Dev.
54	Narne Deepika	APSSDC	AP1811001 0097	CSE	Android Dev.
55	Bhavana Keerthi Sri Nettam	APSSDC	AP1811001 0098	CSE	AWS Cloud
56	CHINTA Yaswanth	APSSDC	AP1811001 0101	CSE	Web Dev. ReactJS
57	Venkatasai Amith Nagendra Sriram	APSSDC	AP1811001 0102	CSE	Web Dev. ReactJS
58	Chaitanya Vivek Chinta	APSSDC	AP1811001 0103	CSE	Web Dev. ReactJS
59	Suggula Jaswanth	APSSDC	AP1811001 0104	CSE	Web Dev. ReactJS
60	M.Sasikanth	APSSDC	AP1811001 0106	CSE	Web Dev. ReactJS
61	Peesapati Murali Gautham	APSSDC	AP1811001 0111	CSE	Python
62	Priya Yasaswini	APSSDC	AP1811001 0112	CSE	Web Dev. Django
63	Movva Janardhan	APSSDC	AP1811001 0115	CSE	Web Dev. ReactJS
64	Dodda Chaitanya Lakshmi	APSSDC	AP1811001 0116	CSE	Android Dev.
65	T.Divya Reddy	APSSDC	AP1811001 0118	CSE	Python
66	Potturi Lakshmi Harika	APSSDC	AP1811001 0119	CSE	Android Dev.
67	Kilaru Babji	APSSDC	AP1811001 0121	CSE	Web Dev. Django
68	Thalluri Sai Akhil	APSSDC	AP1811001 0122	CSE	Web Dev. ReactJS
69	Sai Abhishek Yakkali	APSSDC	AP1811001 0124	CSE	Web Dev. Django
70	Somu Koushik	APSSDC	AP1811001 0125	CSE	Android Dev.
71	G.Lahari	APSSDC	AP1811001 0126	CSE	Python

72	Paruchuri Charishma	APSSDC	AP1811001 0127	CSE	Android Dev.
73	Ram Perumalla	APSSDC	AP1811001 0128	CSE	Web Dev. Django
74	Pamidimukkala Sindhu Varshini	APSSDC	AP1811001 0131	CSE	Android Dev.
75	Mannuru Naga Rajeswari Pravallika	APSSDC	AP1811001 0132	CSE	Android Dev.
76	Mounika Simhadri	APSSDC	AP1811001 0133	CSE	Android Dev.
77	Reshma. M	APSSDC	AP1811001 0135	CSE	Web Dev. Django
78	Ponnuru. Badhari Sai	APSSDC	AP1811001 0136	CSE	Web Dev. ReactJS
79	T.V.L.Neeraja	APSSDC	AP1811001 0138	CSE	Web Dev. Django
80	P.Mohinish Teja	APSSDC	AP1811001 0140	CSE	Web Dev. ReactJS
81	Budda Phani Kiran	APSSDC	AP1811001 0141	CSE	Android Dev.
82	P Retheshna	APSSDC	AP1811001 0142	CSE	Android Dev.
83	Satya Uday Sanku	APSSDC	AP1811001 0145	CSE	Android Dev.
84	Monika Chowdary M	APSSDC	AP1811001 0146	CSE	Android Dev.
85	Deepthi Supriya.M	APSSDC	AP1811001 0147	CSE	Android Dev.
86	Namrata Mallampati	APSSDC	AP1811001 0149	CSE	Android Dev.
87	P. Gowtham	APSSDC	AP1811001 0151	CSE	Android Dev.
88	Satti.Thanuja Pavani	APSSDC	AP1811001 0153	CSE	Android Dev.
89	Sravya Kuchina	APSSDC	AP1811001 0154	CSE	Android Dev.
90	Vagicharla Venkata Seasi Sarayu	APSSDC	AP1811001 0155	CSE	Web Dev. ReactJS
91	Sampath Puvvada	APSSDC	AP1811001 0156	CSE	Web Dev. ReactJS
92	A.Durga Chandana	APSSDC	AP1811001 0158	CSE	Web Dev. Django

93	Devireddy Vignesh	APSSDC	AP1811001 0160	CSE	Web Dev. ReactJS
94	Nikitha.Madu	APSSDC	AP1811001 0164	CSE	Python
95	Kothamasu L N V Sai Sowmya	APSSDC	AP1811001 0166	CSE	Android Dev.
96	Chundru Bharat	APSSDC	AP1811001 0167	CSE	Web Dev. ReactJS
97	Garimella Venkata Tarun Chowdary	APSSDC	AP1811001 0168	CSE	Web Dev. ReactJS
98	Nandigam Rohitha	APSSDC	AP1811001 0169	CSE	Web Dev. Django
99	Nuttakki Kausiki	APSSDC	AP1811001 0171	CSE	Android Dev.
100	Gudhe Varun Deepak	APSSDC	AP1811001 0175	CSE	Web Dev. Django
101	Namgiri Jaya Vinay	APSSDC	AP1811001 0176	CSE	Web Dev. Django
102	Pragna Sai Nutulapati	APSSDC	AP1811001 0177	CSE	Android Dev.
103	Avula Ramyasree	APSSDC	AP1811001 0178	CSE	Android Dev.
104	Sai Chandana.Ch	APSSDC	AP1811001 0180	CSE	Web Dev. ReactJS
105	Borra. Karthik. Sai	APSSDC	AP1811001 0181	CSE	Android Dev.
106	Leelasri Ananya Kondisetty	APSSDC	AP1811001 0182	CSE	Android Dev.
107	Harsha Sudabattula	APSSDC	AP1811001 0183	CSE	Python
108	Thokala Gopal Krishna	APSSDC	AP1811001 0184	CSE	Web Dev. ReactJS
109	Laya Yarramsetti	APSSDC	AP1811001 0185	CSE	Android Dev.
110	Venkata Vindjyavasini Gunda	APSSDC	AP1811001 0186	CSE	Web Dev. Django
111	Rani Durga Prasanna Swetha. Yechuri	APSSDC	AP1811001 0187	CSE	Android Dev.
112	Vasireddy Radhika Chowdary	APSSDC	AP1811001 0188	CSE	Android Dev.
113	Sivani Pamulapati	APSSDC	AP1811001 0191	CSE	Web Dev. Django

114	Paladugu Venkata Hemanth	APSSDC	AP18110010192	CSE	Android Dev.
115	Divyansh Chittranshi	APSSDC	AP18110010194	CSE	Web Dev. Django
116	Tangeda Chandra Mallika	APSSDC	AP18110010195	CSE	Web Dev. Django
117	Bhallam Rishitha Varma	APSSDC	AP18110010196	CSE	Android Dev.
118	G.Vageesha Datta	APSSDC	AP18110010197	CSE	AWS Cloud
119	Rahul Gupta	APSSDC	AP18110010198	CSE	Web Dev. ReactJS
120	Tyesasvi	APSSDC	AP18110010199	CSE	Web Dev. Django
121	Namburu Abhiram	APSSDC	AP18110010200	CSE	Android Dev.
122	Keerthi. K	APSSDC	AP18110010201	CSE	Web Dev. Django
123	Samudrala.Akhil	APSSDC	AP18110010202	CSE	Android Dev.
124	N Naga Sahithya	APSSDC	AP18110010203	CSE	Web Dev. Django
125	M N V Krishna Prasad	APSSDC	AP18110010204	CSE	Web Dev. Django
126	Chatarajupalli Saiteja	APSSDC	AP18110010205	CSE	Web Dev. Django
127	Farhan Alam	APSSDC	AP18110010208	CSE	Android Dev.
128	Tummala Revanth Kumar	APSSDC	AP18110010212	CSE	Android Dev.
129	Alex Martin Mason	APSSDC	AP18110010215	CSE	Web Dev. ReactJS
130	Gaddam Haveela	APSSDC	AP18110010217	CSE	Android Dev.
131	Sreeja.Y	APSSDC	AP18110010221	CSE	Python
132	Kotha Udhika Meghana	APSSDC	AP18110010223	CSE	Web Dev. Django
133	Swaraj Chirumamilla	APSSDC	AP18110010224	CSE	Web Dev. Django
134	Arpit Kumar Regar	APSSDC	AP18110010225	CSE	Web Dev. ReactJS

135	Sohail Basha Shaik	APSSDC	AP1811001 0228	CSE	Web Dev. Django
136	K N Mohan Reddy	APSSDC	AP1811001 0229	CSE	Python
137	Baana Lakshmi Narayana Reddy	APSSDC	AP1811001 0230	CSE	Web Dev. Django
138	Samanthakurthi Nitish	APSSDC	AP1811001 0232	CSE	Android Dev.
139	K Raghavendra Asish	APSSDC	AP1811001 0235	CSE	Web Dev. ReactJS
140	Nandipati Sai Rakesh	APSSDC	AP1811001 0236	CSE	Web Dev. ReactJS
141	N Geeta Kiranmai	APSSDC	AP1811001 0237	CSE	Web Dev. Django
142	E.Ramya	APSSDC	AP1811001 0238	CSE	Web Dev. Django
143	M Varunbabu	APSSDC	AP1811001 0239	CSE	Android Dev.
144	Shahab Nadeem Hashmi	APSSDC	AP1811001 0240	CSE	Web Dev. ReactJS
145	Bhavana Siddineni	APSSDC	AP1811001 0246	CSE	Web Dev. ReactJS
146	Chebrolu Sahithi	APSSDC	AP1811001 0247	CSE	Android Dev.
147	Anish Kuber	APSSDC	AP1811001 0249	CSE	Web Dev. ReactJS
148	Deepthi Reddy Siddenki	APSSDC	AP1811001 0251	CSE	Web Dev. ReactJS
149	Kondaveeti Aashritha	APSSDC	AP1811001 0252	CSE	Android Dev.
150	Rohitkumar Shankar Kadam	APSSDC	AP1811001 0253	CSE	Web Dev. ReactJS
151	Polineni Venkata Navaneeth Krishna	APSSDC	AP1811001 0256	CSE	Web Dev. Django
152	Vijay Kashyap Kompella	APSSDC	AP1811001 0258	CSE	Android Dev.
153	E.V.S.Sushma	APSSDC	AP1811001 0259	CSE	Web Dev. ReactJS
154	Katari Hemalatha	APSSDC	AP1811001 0260	CSE	Web Dev. Django
155	Oruganti Vamsikrishna	APSSDC	AP1811001 0261	CSE	Android Dev.

156	K.Rasagna	APSSDC	AP1811001 0262	CSE	Web Dev. Django
157	Boddupalli Hemanth Srisai	APSSDC	AP1811001 0263	CSE	Web Dev. Django
158	Harshini	APSSDC	AP1811001 0264	CSE	Web Dev. Django
159	Kanaparthi Jeevan Sai	APSSDC	AP1811001 0266	CSE	Web Dev. ReactJS
160	Avula Juhi Sai	APSSDC	AP1811001 0268	CSE	Web Dev. ReactJS
161	B. Bala Spandana Reddy	APSSDC	AP1811001 0269	CSE	Web Dev. Django
162	Vasmai Avvaru	APSSDC	AP1811001 0271	CSE	Web Dev. ReactJS
163	Pasupuleti Prem Chand	APSSDC	AP1811001 0274	CSE	Web Dev. ReactJS
164	Kondaveeti Deepthi	APSSDC	AP1811001 0277	CSE	Web Dev. ReactJS
165	Kalluri Lahari	APSSDC	AP1811001 0278	CSE	Android Dev.
166	Parupalli Guna Gokul	APSSDC	AP1811001 0279	CSE	Android Dev.
167	Lakshmi Pranav Kakumanu	APSSDC	AP1811001 0285	CSE	Web Dev. ReactJS
168	Chukkapalli Praveen Kumar	APSSDC	AP1811001 0286	CSE	Web Dev. ReactJS
169	A.Ajay Chowdari	APSSDC	AP1811001 0287	CSE	Web Dev. ReactJS
170	Prudhvi Chowdary	APSSDC	AP1811001 0288	CSE	Web Dev. ReactJS
171	Bachu Sai Alekhya	APSSDC	AP1811001 0289	CSE	Web Dev. Django
172	Shivam Singh Tomar	APSSDC	AP1811001 0290	CSE	Android Dev.
173	Mandalapu Mounish	APSSDC	AP1811001 0291	CSE	Web Dev. ReactJS
174	Srija Maddineni	APSSDC	AP1811001 0292	CSE	Android Dev.
175	Edara Vighneswara Chowdary	APSSDC	AP1811001 0295	CSE	Android Dev.
176	Chebrolu Rukmini	APSSDC	AP1811001 0298	CSE	Web Dev. Django

177	Syed Atheeq	APSSDC	AP1811001 0299	CSE	Android Dev.
178	Damarla Vijay Sai Nag	APSSDC	AP1811001 0302	CSE	Android Dev.
179	Kurra Dharani	APSSDC	AP1811001 0304	CSE	Android Dev.
180	G S K Ganesh Prasad	APSSDC	AP1811001 0305	CSE	AWS Cloud
181	Kolla Harsha Vardhan Sai	APSSDC	AP1811001 0306	CSE	Web Dev. ReactJS
182	Atluri Veera Sai Raghu Ram Reddy	APSSDC	AP1811001 0307	CSE	Web Dev. ReactJS
183	M.Venkata Satyasai	APSSDC	AP1811001 0308	CSE	Web Dev. ReactJS
184	Shreyas Peddi	APSSDC	AP1811001 0310	CSE	Web Dev. Django
185	Kaligithi Pritham Jona	APSSDC	AP1811001 0311	CSE	Web Dev. Django
186	Kambhampati Raviteja	APSSDC	AP1811001 0316	CSE	Web Dev. ReactJS
187	Mente Naga Deepak	APSSDC	AP1811001 0317	CSE	Android Dev.
188	Valluri.Poojitha	APSSDC	AP1811001 0319	CSE	Web Dev. Django
189	Katta Sai Nithin Reddy	APSSDC	AP1811001 0320	CSE	Web Dev. Django
190	Y.Mohana Ramya	APSSDC	AP1811001 0323	CSE	AWS Cloud
191	Pedapudi Divya Kalyani	APSSDC	AP1811001 0325	CSE	Web Dev. ReactJS
192	Patcha.Kaliprasadbabu	APSSDC	AP1811001 0329	CSE	Web Dev. ReactJS
193	D.Hema Srihitha	APSSDC	AP1811001 0333	CSE	Android Dev.
194	Syed Irfan	APSSDC	AP1811001 0335	CSE	Web Dev. ReactJS
195	Animesh Rituraj	APSSDC	AP1811001 0338	CSE	Android Dev.
196	Kotam Karthik	APSSDC	AP1811001 0340	CSE	Android Dev.
197	Alugonda Manish Reddy	APSSDC	AP1811001 0341	CSE	Android Dev.

198	Chennu Gopala Krishna	APSSDC	AP1811001 0343	CSE	Android Dev.
199	Dronavalli Krishna Tejaswi	APSSDC	AP1811001 0344	CSE	Web Dev. Django
200	G V Arun Krishna	APSSDC	AP1811001 0347	CSE	Android Dev.
201	Vajinepalli Bharath Kumar	APSSDC	AP1811001 0348	CSE	Android Dev.
202	Thota Harish	APSSDC	AP1811001 0349	CSE	Android Dev.
203	Varsha Meka	APSSDC	AP1811001 0350	CSE	Web Dev. Django
204	Roja Bhuvana Kuchipudi	APSSDC	AP1811001 0351	CSE	Android Dev.
205	Y Sai Harshini	APSSDC	AP1811001 0355	CSE	Android Dev.
206	Sher Mohammad Imam Jafar Sadiq	APSSDC	AP1811001 0356	CSE	Web Dev. ReactJS
207	Moushmi Ramya	APSSDC	AP1811001 0360	CSE	Python
208	Shubham H Joshu	APSSDC	AP1811001 0361	CSE	Android Dev.
209	Jagruth K	APSSDC	AP1811001 0365	CSE	Android Dev.
210	Penumaka Anurag	APSSDC	AP1811001 0366	CSE	Web Dev. ReactJS
211	Sai Praveen Kumar Tadiparthi	APSSDC	AP1811001 0369	CSE	Android Dev.
212	N. Geethakrishna	APSSDC	AP1811001 0375	CSE	Web Dev. ReactJS
213	Priyanshu Singh	APSSDC	AP1811001 0377	CSE	Android Dev.
214	Asritha Pidikiti	APSSDC	AP1811001 0378	CSE	Android Dev.
215	Purna Praveen	APSSDC	AP1811001 0379	CSE	Android Dev.
216	Vedasri Vasireddy	APSSDC	AP1811001 0380	CSE	Web Dev. ReactJS
217	Veda Gayathri Ravi	APSSDC	AP1811001 0381	CSE	Android Dev.
218	Devendra Kumar Dewangan	APSSDC	AP1811001 0382	CSE	Web Dev. ReactJS

219	Ch.Rakesh	APSSDC	AP1811001 0383	CSE	Web Dev. ReactJS
220	Shaik Himani	APSSDC	AP1811001 0384	CSE	Web Dev. ReactJS
221	Shaik Shakila Begum	APSSDC	AP1811001 0386	CSE	Android Dev.
222	Nallamothu Navyasri	APSSDC	AP1811001 0387	CSE	Web Dev. ReactJS
223	Reddyrowthu Raj Pavan	APSSDC	AP1811001 0394	CSE	Web Dev. ReactJS
224	Vijaya Sree Surisetty	APSSDC	AP1811001 0395	CSE	Web Dev. Django
225	Sesham Lokesh	APSSDC	AP1811001 0396	CSE	Android Dev.
226	Atluri.Soma Sekhara Reddy	APSSDC	AP1811001 0398	CSE	Web Dev. Django
227	Patibanda Sravani	APSSDC	AP1811001 0400	CSE	Web Dev. ReactJS
228	Mohammed Yunus	APSSDC	AP1811001 0401	CSE	Android Dev.
229	Mokkapati. Manisha	APSSDC	AP1811001 0402	CSE	Android Dev.
230	Allena Krishna Chaitanya	APSSDC	AP1811001 0403	CSE	AWS Cloud
231	Sai Naveen Katla	APSSDC	AP1811001 0404	CSE	Android Dev.
232	Katla Sai Naveen	APSSDC	AP1811001 0405	CSE	Web Dev. ReactJS
233	Sumedha Moturi	APSSDC	AP1811001 0406	CSE	Android Dev.
234	T.Anirudh	APSSDC	AP1811001 0407	CSE	Python
235	Savya Sree Adudotla	APSSDC	AP1811001 0410	CSE	Web Dev. ReactJS
236	K. Nikitha Chowdary	APSSDC	AP1811001 0411	CSE	Android Dev.
237	Kancharla Bhanu Prakash	APSSDC	AP1811001 0412	CSE	Web Dev. Django
238	Lakshmi Vallala	APSSDC	AP1811001 0416	CSE	Web Dev. ReactJS
239	K Ruthvik Reddy	APSSDC	AP1811001 0417	CSE	Web Dev. ReactJS

240	Sreesatya Desaraju	APSSDC	AP1811001 0422	CSE	Web Dev. ReactJS
241	Bait Yash Sudhakar	APSSDC	AP1811001 0423	CSE	Android Dev.
242	Venkat Abhiram Parimi	APSSDC	AP1811001 0424	CSE	Android Dev.
243	Prathyusha Bobba	APSSDC	AP1811001 0425	CSE	Android Dev.
244	Akshara Mokkapati	APSSDC	AP1811001 0426	CSE	Web Dev. ReactJS
245	Shivani Devaraj	APSSDC	AP1811001 0428	CSE	Android Dev.
246	G.Chandra Keerthi	APSSDC	AP1811001 0429	CSE	AWS Cloud
247	Durga Sai Charan Bezawada	APSSDC	AP1811001 0434	CSE	Android Dev.
248	Peteti Sravani	APSSDC	AP1811001 0439	CSE	Web Dev. Django
249	Areti. Sai Sujith	APSSDC	AP1811001 0440	CSE	Android Dev.
250	Yallanki Harsha Sai	APSSDC	AP1811001 0441	CSE	Web Dev. ReactJS
251	Eluri Sravani	APSSDC	AP1811001 0442	CSE	Web Dev. Django
252	N.Geetha Madhurya	APSSDC	AP1811001 0444	CSE	Python
253	A.Meghanadh Reddy	APSSDC	AP1811001 0445	CSE	Web Dev. Django
254	Dileep	APSSDC	AP1811001 0447	CSE	Python
255	Harshasai Surapaneni	APSSDC	AP1811001 0449	CSE	Android Dev.
256	Tejaswi Kata	APSSDC	AP1811001 0450	CSE	Web Dev. ReactJS
257	Jonnalagadda Sundar Ganesh	APSSDC	AP1811001 0452	CSE	Android Dev.
258	Tarun Sharma	APSSDC	AP1811001 0459	CSE	Python
259	Vishnu Kalyan Ledalla	APSSDC	AP1811001 0460	CSE	Web Dev. Django
260	Sanjay Thripuraneni	APSSDC	AP1811001 0464	CSE	Android Dev.

261	K.Bhavya Sri	APSSDC	AP1811001 0465	CSE	AWS Cloud
262	V.Sai Nayani	APSSDC	AP1811001 0467	CSE	AWS Cloud
263	B.Rajyalakshmi	APSSDC	AP1811001 0468	CSE	AWS Cloud
264	Nikhil	APSSDC	AP1811001 0471	CSE	AWS Cloud
265	Bichali Lalith Sai Teja	APSSDC	AP1811001 0472	CSE	Android Dev.
266	Kurre Usha Rani	APSSDC	AP1811001 0473	CSE	AWS Cloud
267	Dharmavarapu Naga Sai Sushma	APSSDC	AP1811001 0478	CSE	Android Dev.
268	Pidikiti Chandra Sekhar	APSSDC	AP1811001 0480	CSE	Android Dev.
269	Ammu Naga Sai Prakash	APSSDC	AP1811001 0482	CSE	Web Dev. Django
270	Maddukuri Pramodhini Sai	APSSDC	AP1811001 0483	CSE	AWS Cloud
271	Nerella Subramnya Omsai Uttej	APSSDC	AP1811001 0484	CSE	Web Dev. Django
272	Swetha Potturi	APSSDC	AP1811001 0485	CSE	Web Dev. Django
273	Somepalli Gayathri	APSSDC	AP1811001 0486	CSE	Web Dev. ReactJS
274	Rohit Patel	APSSDC	AP1811001 0490	CSE	Python
275	Vani Tadiboyina	APSSDC	AP1811001 0491	CSE	AWS Cloud
276	B Jwalith Sai	APSSDC	AP1811001 0493	CSE	Web Dev. ReactJS
277	Mekala Venugopal Sai	APSSDC	AP1811001 0494	CSE	Android Dev.
278	P Yeswanth	APSSDC	AP1811001 0498	CSE	Web Dev. Django
279	Vijetha Arya	APSSDC	AP1811001 0501	CSE	Web Dev. Django
280	Purab Agarwal	APSSDC	AP1811001 0502	CSE	Web Dev. Django
281	Lingampalli Ramsai	APSSDC	AP1811001 0509	CSE	Web Dev. ReactJS

282	Chaitanya Krishna Pasula	APSSDC	AP1811001 0511	CSE	Android Dev.
283	Chintalapudi Lakshmi Sravani	APSSDC	AP1811001 0513	CSE	Android Dev.
284	Ritwik Gunupudi	APSSDC	AP1811001 0515	CSE	Web Dev. ReactJS
285	Batchu Tarun	APSSDC	AP1811001 0517	CSE	Web Dev. ReactJS
286	Vemula Mounika	APSSDC	AP1811001 0518	CSE	AWS Cloud
287	Sampad Achary	APSSDC	AP1811001 0521	CSE	Android Dev.
288	Yedlapalli Sree Bhavana	APSSDC	AP1811001 0523	CSE	Web Dev. ReactJS
289	Chakradhara Rao	APSSDC	AP1811001 0524	CSE	Python
290	Tempalli Bindu Sri	APSSDC	AP1811001 0525	CSE	Android Dev.
291	Sai Pragnya Vegiraju	APSSDC	AP1811001 0526	CSE	Web Dev. Django
292	Jasmitha.Kolluri	APSSDC	AP1811001 0527	CSE	Web Dev. Django
293	Dileep Kumar. Bondada	APSSDC	AP1811001 0529	CSE	Android Dev.
294	G. Chaitanya Kumar	APSSDC	AP1811001 0530	CSE	Android Dev.
295	Indra Kiran Kumar	APSSDC	AP1811001 0531	CSE	Python
296	D Jayanth Sai	APSSDC	AP1811001 0534	CSE	Web Dev. Django
297	M Hemanth	APSSDC	AP1811001 0535	CSE	Python
298	Shiva Chaitanya Kolla	APSSDC	AP1811001 0536	CSE	Web Dev. Django
299	P.Pranathi	APSSDC	AP1811001 0537	CSE	Python
300	Shaik Sajid	APSSDC	AP1811001 0542	CSE	Web Dev. Django
301	D.Phani Krishna	APSSDC	AP1811001 0546	CSE	Web Dev. Django
302	V.Balavamsi	APSSDC	AP1811001 0547	CSE	Python

303	Hema	APSSDC	AP1811001 0548	CSE	Web Dev. Django
304	Chebrolu Venkata Sai Kiran	APSSDC	AP1811001 0552	CSE	Web Dev. Django
305	Kolisetty Amulya	APSSDC	AP1811001 0553	CSE	Web Dev. ReactJS
306	Kothuri Srija	APSSDC	AP1811001 0559	CSE	Web Dev. ReactJS
307	N. Sai Sri Lakshmi	APSSDC	AP1811001 0560	CSE	Android Dev.
308	Taruni Sankabathula	APSSDC	AP1811001 0565	CSE	Android Dev.
309	Abhay Rastogi	APSSDC	AP1811001 0567	CSE	Android Dev.
310	Varshitha Gopu	APSSDC	AP1811001 0568	CSE	Web Dev. ReactJS
311	S.Sai Abhishikth	APSSDC	AP1811001 0569	CSE	Python
312	Harekrishna Shah	APSSDC	AP1811001 0571	CSE	Python
313	B.Vineesh	APSSDC	AP1811001 0572	CSE	Android Dev.
314	Mantripragada Phalguni	APSSDC	AP1811001 0573	CSE	Web Dev. Django
315	Mattapalli Ramana Satya Rupesh	APSSDC	AP1811001 0574	CSE	Android Dev.
316	Shaik Abdul Shukur	APSSDC	AP1811001 0577	CSE	Web Dev. ReactJS
317	Rohit	APSSDC	AP1811001 0578	CSE	Python
318	K.L.N.Sai Pavan	APSSDC	AP1811001 0581	CSE	Web Dev. Django
319	B.V.Likhitha	APSSDC	AP1811001 0582	CSE	Web Dev. Django
320	Gundapu Sravya	APSSDC	AP1811001 0583	CSE	Android Dev.
321	Manish Alani	APSSDC	AP1811001 0585	CSE	AWS Cloud
322	Kantamani Venkat Rathan	APSSDC	AP1811001 0589	CSE	Android Dev.
323	K.Sathvika Reddy	APSSDC	AP1811001 0596	CSE	Web Dev. ReactJS

324	A.V.Surya Tej	APSSDC	AP1811001 0601	CSE	Android Dev.
325	Balumuri Sathvika	APSSDC	AP1811001 0602	CSE	Android Dev.
326	Nitesh Bharti	APSSDC	AP1811001 0604	CSE	Web Dev. ReactJS
327	Vitan Chopra	APSSDC	AP1811001 0606	CSE	Android Dev.
328	Thota.Sravana Lakshmi	APSSDC	AP1811001 0607	CSE	Web Dev. ReactJS
329	Akhil Vutukuri	APSSDC	AP1811001 0609	CSE	Web Dev. ReactJS
330	Ravella Hari Krishna Prasad	APSSDC	AP1811001 0610	CSE	Web Dev. ReactJS
331	Ravella Rama Krishna	APSSDC	AP1811001 0611	CSE	Web Dev. ReactJS
332	Mididodla Navya Sri	APSSDC	AP1811001 0612	CSE	Web Dev. ReactJS
333	Koushik	APSSDC	AP1811001 0613	CSE	Web Dev. ReactJS
334	Avula Sai Vasanth	APSSDC	AP1811001 0615	CSE	Web Dev. ReactJS
335	Kotipalli Sindhu	APSSDC	AP1811001 0619	CSE	Python
336	Srirangam Varsha	APSSDC	AP1811001 0621	CSE	Android Dev.
337	Rithvik Alapati	APSSDC	AP1811001 0622	CSE	Web Dev. ReactJS
338	Pagudala Nagendar Goud	APSSDC	AP1811001 0624	CSE	Web Dev. ReactJS
339	V Dhanunjay	APSSDC	AP1811001 0629	CSE	AWS Cloud
340	Rither	APSSDC	AP1811001 0634	CSE	Python
341	Kohir Manideep	APSSDC	AP1811001 0637	CSE	AWS Cloud
342	Jatin Manikanta Kommineni	APSSDC	AP1811001 0638	CSE	Web Dev. Django
343	Sharmila Nagu Yasalapu	APSSDC	AP1811001 0639	CSE	Android Dev.
344	Varshith Yechuri	APSSDC	AP1811001 0640	CSE	Web Dev. Django

345	N Tulasi Goury	APSSDC	AP1811001 0644	CSE	Web Dev. ReactJS
346	G.Sai Tejaswi	APSSDC	AP1811001 0646	CSE	Android Dev.
347	Lingam Venkateswara Rao	APSSDC	AP1811001 0649	CSE	Web Dev. ReactJS
348	Obulasetti Purna Vamsi Guptha	APSSDC	AP1811001 0650	CSE	Web Dev. ReactJS
349	Shanmukh Munnam	APSSDC	AP1811001 0651	CSE	Web Dev. ReactJS
350	Eswar Chandu Boina	APSSDC	AP1811001 0652	CSE	AWS Cloud
351	Gargeyee Dacharla	APSSDC	AP1811001 0654	CSE	Web Dev. ReactJS
352	Venkatesh Sriram	APSSDC	AP1811001 0656	CSE	Web Dev. ReactJS
353	Taruni Kadiyala	APSSDC	AP1811001 0658	CSE	Android Dev.
354	Gurram Aparna	APSSDC	AP1811001 0662	CSE	Android Dev.
355	Varsha Karre	APSSDC	AP1811001 0669	CSE	Web Dev. Django
356	Sai Sanjana	APSSDC	AP1811001 0670	CSE	Android Dev.
357	Guntupalli Udayrohith	APSSDC	AP1811001 0675	CSE	Android Dev.
358	Sakshi Singh	APSSDC	AP1811001 0680	CSE	Android Dev.
359	Garikapati Anith Chowdary	APSSDC	AP1811002 0002	ECE	Web Dev. ReactJS
360	G.Jyothika	APSSDC	AP1811002 0013	ECE	Web Dev. Django
361	K Anjan Krishna	APSSDC	AP1811002 0018	ECE	Python
362	K.Krishna Murthy	APSSDC	AP1811002 0023	ECE	Web Dev. Django
363	Saikiran Puranam	APSSDC	AP1811002 0025	ECE	Web Dev. ReactJS
364	Syed Sumaiah	APSSDC	AP1811002 0026	ECE	Android Dev.
365	Kolagani Jyothi	APSSDC	AP1811002 0029	ECE	Web Dev. ReactJS

366	Siddhartha Vempati	APSSDC	AP18110020030	ECE	Web Dev. Django
367	Gattupalli Vindhya Sri	APSSDC	AP18110020034	ECE	Android Dev.
368	Gattupalli Sidhardha	APSSDC	AP18110020036	ECE	Web Dev. ReactJS
369	Likhitha	APSSDC	AP18110020045	ECE	Python
370	Mylapilli Chetan	APSSDC	AP18110020050	ECE	Web Dev. Django
371	Harsha Satya Vardhan	APSSDC	AP18110020052	ECE	Web Dev. Django
372	Guntaka Pranathi	APSSDC	AP18110020055	ECE	AWS Cloud
373	Yarram Sai Krishna Reddy	APSSDC	AP18110020067	ECE	Web Dev. Django
374	J.Swathi	APSSDC	AP18110020069	ECE	Web Dev. Django
375	Vmvs Aditya	APSSDC	AP18110020075	ECE	Python
376	Swathi Alapati	APSSDC	AP18110020080	ECE	Web Dev. Django
377	Veerla Madhu Sudan	APSSDC	AP18110020081	ECE	Android Dev.
378	Abhijith Valluri	APSSDC	AP18110020082	ECE	Web Dev. ReactJS
379	Kondaveeti Sai Charan	APSSDC	AP18110020083	ECE	Android Dev.
380	Venkata Karthikeya	APSSDC	AP18110020084	ECE	Python
381	K.Shyam Prasad	APSSDC	AP18110020100	ECE	Web Dev. ReactJS
382	Nadendla Satish Chandra	APSSDC	AP18110020103	ECE	Android Dev.
383	Sahithi Prathapaneni	APSSDC	AP18110020104	ECE	Android Dev.
384	Venkatasairamakrishnasighakolli	APSSDC	AP18110020109	ECE	Python
385	Amrutha Tadisetty	APSSDC	AP18110020128	ECE	Android Dev.
386	Shaik Haneesa	APSSDC	AP18110020134	ECE	Android Dev.

387	T. Harinath	APSSDC	AP1811002 0138	ECE	Android Dev.
388	R. Manvitha Pradeepthi	APSSDC	AP1811002 0139	ECE	Android Dev.
389	Shaik Khaza Ahmed	APSSDC	AP1811002 0141	ECE	Android Dev.
390	Madanu Karun Chand	APSSDC	AP1811002 0142	ECE	Android Dev.
391	Vasa Naga Sowmya	APSSDC	AP1811002 0145	ECE	Android Dev.
392	M.Pavan Kumar	APSSDC	AP1811002 0155	ECE	Android Dev.
393	Chandu.Hanumanth Kumar	APSSDC	AP1811002 0157	ECE	Android Dev.
394	Kilaru Mani Chandana	APSSDC	AP1811002 0162	ECE	Android Dev.
395	M Dushyanth Babu	APSSDC	AP1811002 0170	ECE	Android Dev.
396	Ch.Sai Nived	APSSDC	AP1811002 0174	ECE	Web Dev. ReactJS
397	Sarimaftab	APSSDC	AP1811002 0178	ECE	Python
398	Jyothirmayi Bavireddy	APSSDC	AP1811002 0179	ECE	Web Dev. ReactJS
399	Dhushyanth	APSSDC	AP1811002 0183	ECE	Python
400	Sai Krishna	APSSDC	AP1811002 0191	ECE	Android Dev.
401	Navya Bhimavarapu	APSSDC	AP1811002 0193	ECE	Android Dev.
402	Parepalli Someshwar Gupta	APSSDC	AP1811002 0196	ECE	Android Dev.
403	G.Saidheeraj	APSSDC	AP1811002 0200	ECE	Python
404	Bitragunta Vivek Vardhan	APSSDC	AP1811002 0201	ECE	Web Dev. ReactJS
405	Kandepu Venkata Dinesh	APSSDC	AP1811002 0203	ECE	Web Dev. ReactJS
406	Jahnavi Yanamadala	APSSDC	AP1811002 0204	ECE	Web Dev. ReactJS
407	Tirumani Someswari Sai Rushitha	APSSDC	AP1811002 0208	ECE	Android Dev.

408	T.Raghu Vamsi Krishna	APSSDC	AP1811002 0211	ECE	Web Dev. Django
409	Ch Sai Chandra Kiran	APSSDC	AP1811002 0212	ECE	Web Dev. ReactJS
410	Jathin Reddy	APSSDC	AP1811002 0213	ECE	Android Dev.
411	M. Rahul	APSSDC	AP1811002 0214	ECE	Web Dev. ReactJS
412	Nadipalli Veera Venkata Avinash	APSSDC	AP1811002 0215	ECE	Android Dev.
413	D Sricharan	APSSDC	AP1811002 0217	ECE	Android Dev.
414	Sai Sivani Dukkipati	APSSDC	AP1811002 0218	ECE	Android Dev.
415	Doddi Yamini Durga Pradeep	APSSDC	AP1811002 0221	ECE	Web Dev. ReactJS
416	G Hema Varshini	APSSDC	AP1811002 0222	ECE	Android Dev.
417	Shaik Mubasshir Sadiq Ahmed	APSSDC	AP1811002 0226	ECE	Android Dev.
418	Gulabshanaaz Shaik Mohammad	APSSDC	AP1811002 0237	ECE	Android Dev.
419	T. Aditya Siddharda	APSSDC	AP1811002 0242	ECE	Web Dev. ReactJS
420	Nimeshika Sri Kammili	APSSDC	AP1811002 0243	ECE	Web Dev. ReactJS
421	P. Sai Lavanya	APSSDC	AP1811002 0248	ECE	Web Dev. ReactJS
422	Vanka Sai Sudha Mai	APSSDC	AP1811002 0250	ECE	Android Dev.
423	Naidu Mahesh	APSSDC	AP1811002 0251	ECE	Android Dev.
424	Vissamsetti Pavan Sai Bhrammaji	APSSDC	AP1811002 0252	ECE	Web Dev. ReactJS
425	Bandarupalli Nishanth Paul	APSSDC	AP1811002 0254	ECE	Web Dev. Django
426	Hemant.Y	APSSDC	AP1811002 0255	ECE	Android Dev.
427	Pemmaraju Srikari	APSSDC	AP1811002 0259	ECE	Web Dev. ReactJS
428	Muneeswar Reddy.P	APSSDC	AP1811002 0264	ECE	Web Dev. ReactJS

429	Swathi.Yadlapalli	APSSDC	AP1811002 0265	ECE	Android Dev.
430	M.Dinesh Datta	APSSDC	AP1811002 0268	ECE	Android Dev.
431	Pabolu Mohan Aditya	APSSDC	AP1811003 0009	MECH	CATIA
432	K N N Amith Varma	APSSDC	Ap1811003 0018	MECH	CATIA
433	Gompa Sai Venkat	APSSDC	AP1811003 0020	MECH	CATIA
434	Ponnekanti Chandrakanth	APSSDC	AP1811003 0021	MECH	CATIA
435	Durga Vishal Attaluri	APSSDC	AP1811003 0022	MECH	CATIA
436	D. V. S. Sarath	APSSDC	AP1811003 0029	MECH	CATIA
437	Kothamasu Venkata Durga Naga Sai Praneeth	APSSDC	AP1811003 0042	MECH	CATIA
438	Pranathi Garlapati	APSSDC	AP1811003 0048	MECH	CATIA
439	Priyanka Goli	APSSDC	AP1811003 0051	MECH	CATIA
440	Peketi Jaswanth Reddy	APSSDC	AP1811003 0052	MECH	Android Dev.
441	S.V.S Chandu	APSSDC	AP1811003 0056	MECH	CATIA
442	Tushar Sahu	APSSDC	AP1811003 0071	MECH	CATIA
443	Hariharan D	APSSDC	AP1811003 0075	MECH	CATIA
444	Morri Venkata Krishna Siddartha	APSSDC	AP1811003 0076	MECH	CATIA
445	Bollu.Puja Manohari	APSSDC	AP1811004 0021	EEE	Android Dev.
446	Sowmya Priya Reddy Mallu	APSSDC	AP1811005 0005	CIVIL	Revit Architecture
447	Satya Narayana Reddy Kovvuri	APSSDC	AP1811005 0006	CIVIL	Revit Architecture
448	Vakacharla Rutwik Sai	APSSDC	AP1811005 0007	CIVIL	Revit Architecture
449	Jammula Venkateswara Rao	APSSDC	AP1811005 0008	CIVIL	Android Dev.

450	Kativarapu Koushik	APSSDC	AP18110050009	CIVIL	Android Dev.
451	K.Koushik	APSSDC	AP18110050009	CIVIL	Revit Architecture
452	Potnuri Manohar Sai	APSSDC	AP18110050010	CIVIL	Revit Architecture
453	Challapalli Sriram	APSSDC	AP18110050011	CIVIL	Revit Architecture
454	Kodali Baburao Chowdary	APSSDC	AP18110050012	CIVIL	Web Dev. ReactJS
455	Kodali Baburao	APSSDC	AP-181100500012	CIVIL	Revit Architecture
456	Tejo Narasimha Vemulapalli	APSSDC	AP18110050013	CIVIL	Revit Architecture
457	Borra Leela Sujan Sai	APSSDC	AP18110050015	CIVIL	Web Dev. ReactJS
458	Borra Leela Sujan Sai	APSSDC	AP18110050015	CIVIL	Revit Architecture
459	Mallipeddi Sri Charan	APSSDC	AP18110050018	CIVIL	Revit Architecture
460	Gopinadh Vasa	APSSDC	AP18110050021	CIVIL	Revit Architecture
461	Yedlapalli Akhila	APSSDC	AP18110050022	CIVIL	Revit Architecture
462	Vattigunta Rishitha	APSSDC	AP18110050030	CIVIL	Revit Architecture
463	G.Likhitha	APSSDC	AP18110050031	CIVIL	Revit Architecture
464	Dasari Jayaram Chowdary	APSSDC	AP18110050033	CIVIL	Android Dev.
465	Jayaram Dasari	APSSDC	AP18110050033	CIVIL	Revit Architecture
466	Naradasu Venkata Suresh	APSSDC	AP18110050036	CIVIL	Web Dev. ReactJS
467	Naradasu Venkata Suresh	APSSDC	AP18110050036	CIVIL	Revit Architecture
468	Sadineni Amruthavarshini	APSSDC	AP18110050038	CIVIL	Revit Architecture
469	Alapati Vishal	APSSDC	AP18110050045	CIVIL	Web Dev. ReactJS

470	Desu Harshitha	APSSDC	AP18211050001	CIVIL	Web Dev. ReactJS
471	Shaik Abdul Rehman	APSSDC	AP18211050003	CIVIL	Web Dev. ReactJS
472	Patan Fazulullah	APSSDC	AP18211050005	CIVIL	Web Dev. ReactJS
473	Sreedeepthi.Peddi	APSSDC	AP18211050006	CIVIL	Web Dev. ReactJS

2023 Passing out Batch

Branches	2023 Passing out Batch
SEAS-B.TECH -CSE	**98**
SEAS- B.TEH-ECE	**2**
SEAS- B.TECH -EEE	**2**
SEAS- B.TECH -MECH	**1**
SEAS- B.TECH -CIVIL	**1**

Grand Total	**104**

Sl. No.	Student Name	Organisation	Roll	Branch	PROJECT TITLE
1	Tata Lakshmi Durga Likhitha	APSSDC	AP19110010001	CSE	Web Dev. Django
2	Bhuvana Venigalla	APSSDC	AP19110010003	CSE	Android Dev.
3	Anjana Maganti	APSSDC	AP19110010012	CSE	Python
4	Addepalli Srilekha	APSSDC	AP19110010013	CSE	Android Dev.
5	Dadi Hemasri	APSSDC	AP19110010026	CSE	Android Dev.
6	Chandra Sekhar Reddy Challa	APSSDC	AP19110010028	CSE	Android Dev.
7	Cherukkuri Sree Rashmitha	APSSDC	AP19110010031	CSE	Python
8	Sindhu	APSSDC	AP19110010037	CSE	Python
9	Pavan Kumar Chinta	APSSDC	AP19110010042	CSE	Android Dev.
10	Anudeep Tadikamalla	APSSDC	AP19110010048	CSE	Web Dev. Django
11	Vishal Chowdary Peddu	APSSDC	AP19110010056	CSE	AWS Cloud
12	P.Manohar	APSSDC	AP19110010057	CSE	Android Dev.
13	Repaka Lokesh	APSSDC	AP19110010071	CSE	Android Dev.
14	Srilahari Sivanvitha Nori	APSSDC	AP19110010076	CSE	Android Dev.
15	Aluru Lakshmi Naga Sai Likhita	APSSDC	AP19110010077	CSE	Web Dev. Django
16	M.Surya Prakash	APSSDC	AP19110010082	CSE	AWS Cloud
17	Lasya Sanisetty	APSSDC	AP19110010084	CSE	Web Dev. Django
18	Apsareena Zulekha Shaik	APSSDC	AP19110010086	CSE	Web Dev. Django
19	Chinmaye Amulya	APSSDC	AP19110010092	CSE	Python
20	Dabberu Abhishek	APSSDC	AP19110010094	CSE	Android Dev.
21	Ennamuri Venkata Pavan Kumar	APSSDC	AP19110010107	CSE	Android Dev.

22	Sai Vishnu Vamsi.S	APSSDC	AP1911001 0119	CSE	Web Dev. Django
23	Hema Sri Harshita	APSSDC	AP1911001 0130	CSE	AWS Cloud
24	Sai Sri Ram Kumar Macha	APSSDC	AP1911001 0138	CSE	Android Dev.
25	Yerramneni Siddhesh	APSSDC	AP1911001 0141	CSE	Python
26	Naveena Bonu	APSSDC	AP1911001 0146	CSE	Python
27	Chandrapati Bhanu Prakash	APSSDC	AP1911001 0155	CSE	Android Dev.
28	V.Gokul Sai Teja	APSSDC	AP1911001 0156	CSE	AWS Cloud
29	Mudigonda Himansh	APSSDC	AP1911001 0169	CSE	Python
30	Satti Venkata Ramakrishna Reddy	APSSDC	AP1911001 0172	CSE	Android Dev.
31	Boyapati Sai Venkat	APSSDC	AP1911001 0174	CSE	Android Dev.
32	Aiswaryareddydevireddy	APSSDC	AP1911001 0179	CSE	Android Dev.
33	Chandra Drusya	APSSDC	AP1911001 0186	CSE	Web Dev. Django
34	Harshika Vejendla	APSSDC	AP1911001 0197	CSE	Python
35	Sagar Sujith Somepalli	APSSDC	AP1911001 0199	CSE	Android Dev.
36	Saiye Preetham Vangaru	APSSDC	AP1911001 0231	CSE	Android Dev.
37	Prudhvi Raj Attuluri	APSSDC	AP1911001 0234	CSE	AWS Cloud
38	Sarath Chandra	APSSDC	AP1911001 0237	CSE	Android Dev.
39	Mohit Kumar	APSSDC	AP1911001 0249	CSE	Android Dev.
40	C Sai Prwnay	APSSDC	AP1911001 0255	CSE	Android Dev.
41	Prajwal Katakam	APSSDC	AP1911001 0286	CSE	Android Dev.
42	Siri Krishna Nalluri	APSSDC	AP1911001 0288	CSE	Android Dev.
43	Nallanukala Tejaswini	APSSDC	AP1911001 0290	CSE	Android Dev.

44	Vemulapalli Shyam Gopal Choudary	APSSDC	AP1911001 0292	CSE	Android Dev.
45	Sricharan Muttineni	APSSDC	AP1911001 0307	CSE	Android Dev.
46	Jayson	APSSDC	AP1911001 0317	CSE	Python
47	Bhisma Bhavanari	APSSDC	AP1911001 0319	CSE	Python
48	Vamshi Vardhan	APSSDC	AP1911001 0325	CSE	Web Dev. Django
49	Jayanth Kumar	APSSDC	AP1911001 0332	CSE	Web Dev. Django
50	Sri Lakshmi Nikitha	APSSDC	AP1911001 0338	CSE	Android Dev.
51	Ch.V.S.S.Mani Saketh	APSSDC	AP1911001 0348	CSE	Python
52	M.Gayathri	APSSDC	AP1911001 0352	CSE	Python
53	Sravanthi.E	APSSDC	AP1911001 0354	CSE	Python
54	Madhav	APSSDC	AP1911001 0372	CSE	Web Dev. Django
55	Roop Sagar	APSSDC	AP1911001 0376	CSE	AWS Cloud
56	Krishna Teja Vinnakota	APSSDC	AP1911001 0379	CSE	Web Dev. Django
57	Geethika Kanumolu	APSSDC	AP1911001 0380	CSE	Python
58	Manasa Nunna	APSSDC	AP1911001 0382	CSE	Web Dev. Django
59	Ramadevi	APSSDC	AP1911001 0386	CSE	Web Dev. Django
60	Mahesh Valavala	APSSDC	AP1911001 0388	CSE	Python
61	Durgavamsi	APSSDC	AP1911001 0392	CSE	Web Dev. Django
62	P V Satya Akash	APSSDC	AP1911001 0393	CSE	Android Dev.
63	B.Jayanth	APSSDC	AP1911001 0394	CSE	AWS Cloud
64	Bineethkumar	APSSDC	AP1911001 0396	CSE	Python
65	Shyam Sundar Kotapati	APSSDC	AP1911001 0399	CSE	Web Dev. Django

66	G Lakshmi Sai Bhargavi	APSSDC	AP1911001 0405	CSE	Web Dev. Django
67	L.Janardhan	APSSDC	AP1911001 0406	CSE	Web Dev. Django
68	Bhavani Prasad	APSSDC	AP1911001 0408	CSE	Python
69	Harsha	APSSDC	AP1911001 0410	CSE	Python
70	Sai Deepika	APSSDC	AP1911001 0415	CSE	Web Dev. Django
71	Godavarthi Venkata Narasamma	APSSDC	AP1911001 0421	CSE	Web Dev. Django
72	Hemanth Maddila	APSSDC	AP1911001 0427	CSE	Android Dev.
73	Manda Jaswanth	APSSDC	AP1911001 0429	CSE	Android Dev.
74	Mothukuri Noushika	APSSDC	AP1911001 0430	CSE	Web Dev. Django
75	K Akash	APSSDC	AP1911001 0455	CSE	Android Dev.
76	T. Naga Jayasree	APSSDC	AP1911001 0463	CSE	Web Dev. Django
77	Naveen Pasam	APSSDC	AP1911001 0465	CSE	Python
78	Menda Rohan Bhaskar	APSSDC	AP1911001 0466	CSE	Android Dev.
79	Lavanya Damera	APSSDC	AP1911001 0470	CSE	Python
80	R.Ramya Manasa	APSSDC	AP1911001 0472	CSE	Python
81	Sindhu Sankati	APSSDC	AP1911001 0477	CSE	Python
82	Thota Dhinesh Kumar	APSSDC	AP1911001 0479	CSE	Web Dev. Django
83	Knvss Nitin	APSSDC	AP1911001 0484	CSE	Web Dev. Django
84	Souvik Mandal	APSSDC	AP1911001 0485	CSE	Android Dev.
85	Bhopathi Vardhan Kumar Reddy	APSSDC	AP1911001 0493	CSE	Android Dev.
86	Jaswanth Alla	APSSDC	AP1911001 0507	CSE	Web Dev. Django
87	Kandula Avinash	APSSDC	AP1911001 0508	CSE	Python

88	G Manish	APSSDC	AP19110010521	CSE	Android Dev.
89	Oruganti Aravind	APSSDC	AP19110010523	CSE	Web Dev. Django
90	Chalamalasetty Takur Sai Karthik	APSSDC	AP19110010529	CSE	Android Dev.
91	Pragya Gupta	APSSDC	AP19110010532	CSE	Android Dev.
92	K.Greeshma	APSSDC	AP19110010534	CSE	Python
93	Sanchita Rawat	APSSDC	AP19110010535	CSE	Android Dev.
94	Kondamuri Lahari	APSSDC	AP19110010548	CSE	AWS Cloud
95	P.Ruthik Venkat	APSSDC	AP19110010549	CSE	Web Dev. Django
96	Gaurav Dubey	APSSDC	AP19110010550	CSE	Python
97	G.Mitra Datta	APSSDC	AP19110010552	CSE	AWS Cloud
98	Swikriti Khadke	APSSDC	AP19110010555	CSE	AWS Cloud
99	Pranav P	APSSDC	AP19110020034	ECE	Android Dev.
100	Chinthakrindi Gayathri Lakshmi	APSSDC	AP19110020129	ECE	Android Dev.
101	T.Akshay Krishna	APSSDC	AP19110030013	MECH	CATIA
102	Busam. Gopichand	APSSDC	AP19110040013	EEE	Android Dev.
103	Rayudu Lakshmi Avinash	APSSDC	AP19110040016	EEE	Android Dev.
104	Tanoogna Mallarapu	APSSDC	AP19110050018	CIVIL	Android Dev.

G) Webinar Lecture by Industry Experts

Webinar Lecture by Industry Experts - How to prepare Virtual Placement Interview and Technical Questionnaire crack Placement Interview					
Sl. No	**Date**	**Time**	**Name of Industry Expert**	**Expert represents**	**Location**
1	29-05-2020	10.30 am to 11.30 am	Mr. Sivaraj G.	Media Net	Mumbai
2	30-05-2020	10.00 am to 11.00 am	Mr. Rahul Siva Kumar	Lennox India Technology Centre	Chennai
3	01-06-2020	09.00 am to 10.30 am	Mr. E. Amit Shelke	Symentac	Pune
4	02-06-2020	06.00 pm to 07.30 pm	Mr. Vigneshwar Ponnusamy	Oracle	Bengaluru
5	03-06-2020	09.00 am to 10.30 am	Mr. Vishnu Pratap Singh	Adobe	Delhi
6	05-06-2020	05.00 pm to 06.30 pm	Mr. Sandeep Goel	Fackbook	Bengaluru
7	06-06-2020	09.00 am to 10.30 am	Mr. Aditya Goel	Amazon	Delhi

G) Domain Training by Industries Experts

Domain Training by Industries Experts for B.Tech 3rd year CSE students				
Sl. No	**Date**	**Topic**	**Expert Name**	**Expert Company Name**
1	22-Feb	OOAD	Mr.Muhunthaadithya	Amazon
2	29-Feb	OOAD	Mr.Muhunthaadithya	Amazon
3	14-Mar	Operating Systems	Mr.Ashis Laha	Microsoft
4	04-Apr	Database	Mr.Jatin Kumar Mailk	Uber

5		CS Fundamentals	Mr.Dheeraj Agarwal	Google
6	11-Apr	Database	Mr.Jatin Kumar Mailk	Uber
7		Operating Systems	Mr.Ashis Laha	Microsoft
8	18-Apr	Database	Mr.Jatin Kumar Mailk	Uber
9		Operating Systems	Mr.Ashis Laha	Microsoft
10	25-Apr	Database	Mr.Jatin Kumar Mailk	Uber
11		Computer Networks	Mr.Arvind Ravichandran	Cisco
12	02-May	Computer Networks	Mr.Arvind Ravichandran	Cisco
13	09-May	Computer Networks	Mr.Arvind Ravichandran	Cisco
14	01-Jun	Tackling Placement Interviews	Mr.Amit Shelke	Symantec
15	02-Jun	Tackling Placement Interviews	Mr.Vigneshwar	Oracle
16	03-Jun	Tackling Placement Interviews	Mr.Vishnu Pratap Singh	Adobe
17	04-Jun	Tackling Placement Interviews	Mr.Sandeep Kaul	Walmart
18	06-Jun	Tackling Placement Interviews	Mr.Aditya Goel	Amazon
19		Computer Networks	Mr.Arvind Ravichandran	Cisco
20	08-Jun	Dynamic programming	Mr.Vishnu Pratap Singh	Adobe
21		System design	Mr.Vishnu Pratap Singh	Adobe
22	09-Jun	Current technology trends in IT industry	Mr.Vishnu Pratap Singh	Adobe
23		Datastructure & Algorithms	Mr.Shobhit Khandelwal	OYO
24	10-Jun	Datastructure & Algorithms	Mr.Shobhit Khandelwal	OYO
25	11-Jun	Datastructure & Algorithms	Mr.Aakash Goel	Fractal Analytics
26		Datastructure & Algorithms	Mr.Shobhit Khandelwal	OYO
27	12-Jun	Datastructure & Algorithms	Mr.Shobhit Khandelwal	OYO
28		Datastructure & Algorithms	Mr.Aakash Goel	Fractal Analytics
29	13-Jun	Datastructure & Algorithms	Mr.Aakash Goel	Fractal Analytics
30		Computer Networks	Mr.Arvind Ravichandran	Cisco

31	15-Jun	Datastructure & Algorithms	Mr.Aakash Goel	Fractal Analytics
32		Datastructure & Algorithms	Mr.Shobhit Khandelwal	OYO
33	16-Jun	Datastructure & Algorithms	Mr.Shobhit Khandelwal	OYO
34		Datastructure & Algorithms	Mr.Aakash Goel	Fractal Analytics

H) Special Placement Training Program

The Special Placement training programe was conducted during May 16-25, 2020 by the academic partner. The progamme was designed for our B.Tech 2nd year students (250 students) who registered for **AmazeWOW** recruitment drive. Please find the below programme execution details for the same:

Sl. No.	Program Date	Training Session duration	Problem Solving	Mock Tests
1	16/05/2020	1.5 hour	Nil	1.5 hour
2	17/05/2020	4.5 hour (three sessions 90 minutes each)	2 hours	Nil
3	18/05/2020	4.5 hour (three sessions 90 minutes each)	2 hours	1.5 hour
4	19/05/2020	4.5 hour (three sessions 90 minutes each)	2 hours	1.5 hour
5	20/05/2020	4.5 hour (three sessions 90 minutes each)	2 hours	Nil
6	21/05/2020	5.5 hour (three sessions 90 minutes each and one special session)	2 hours	1.5 hour

J) Assessment of Employability Skill through academic partner

Scope: Developmental and employability reports for each student - Access to quality job opportunities for Placement in **FIVE Phases** as mentioned below:

No of phases and attendance status:

Department	EAT 30/11/2019	Coding 21/12/2019	Domain 21/12/2019
Computer Science Engineering	108	100	105
Electronics Engineering	55	42	44
Mechanical Engineering	12	15	16
Total attended	**175**	**157**	**165**

a) **Phase -**1: -- Attendance report of 3 DCT tests completed on 30/11/2019 & 21/12/2019
b) **Phase – 2:** ---conducted on 13thMarch 2020 (1 Test)
c) **Phase – 3: ---** conducted on @4/06/2020 to 01/07/2020 2020 (7 DCT tests)
d) **Phase – 4:** --- conducted in 18th October 2020 (1 Assessment)
e) **Phase – 5:** --- to be conduct in November 2020 (2Assessment).

About Diagnostic Career Test (DCT):

The idea behind the program is to use scientific data in diagnosing training needs, train and then measure training effectiveness. The Technology uses years of understanding of campus recruitment and gives critical insight into *type of questions, construct of industry assessments and typical cut offs*.

Cognitive Ablities	Skill Based
Quantitative Ability	Coding
Analytical Reasoning	Domain
English Usage	
Employability Aptitude Test	
Written English Test	

About the Test:

The test is an employability test to assess students across range of skills like aptitude, technical, personality, coding, domain etc. The score is then used by corporate across India for hiring.

Core Competencies tested

- Ability to understand or visualize any real time Problem
- Systematic or Sequential approach towards problem Solving
- Ability to Analyze
- Ability to deal with numbers
- Ability to transform conceptual models into real time systems.
- Verbal and Written Communication Skills
- Domain specific and technical skills
- Personality profile of the candidate to evaluate potential fit.

K) Industry Standard Coding Practice Training Program by academic partner

Scope: 'Industry Standard Programming Skills for Product & Services Companies' for our B.Tech.
3rd year students passing out 2021 who seeking for IT Jobs in THREE Phases as mentioned below:

No of phases and attendance status:

a) **Phase -**1: -- Attendance report of Phase-1 training completed on 15/10/2019 to 20/10/2019. Total students enrolled is 219.

Attendance Summary of ISCP Phase-1 Classes						
Sl. No.	Date	Session	Branch			Total Absent
			CSE	ECE	Mech.	
1	15-10-2019	FN	18	20	6	44
		AN	19	9	5	33
2	16-10-2019	FN	22	14	5	41
		AN	33	21	4	58
3	17-10-2019	FN	30	21	5	56
		AN	48	20	12	80
4	18-10-2019	FN	41	20	3	64
		AN	55	31	3	89
5	19-10-2019	FN	36	27	4	67
		AN	62	27	4	93
6	20-10-2019	FN	63	43	7	113
		AN	89	49	11	149

b) Phase – 2 – Attendance report of Phase-2 training completed on 09/12/2019 to 23/12/2019. Total students enrolled is 205.

Attendance Summary of ISCP Phase-2 Classes						
Sl. No.	Date	Session	Branch			Total Absent
			CSE	ECE	Mech.	
1	09-12-2019	FN	60	29	8	97
		AN	53	28	7	88
2	10-12-2019	FN	30	15	9	54
		AN	56	21	10	87
3	11-12-2019	FN	37	17	6	60
		AN	59	24	7	90
4	12-12-2019	FN	31	16	5	52
		AN	37	28	7	72
5	13-12-2019	FN	48	17	7	72
		AN	62	20	7	89
6	14-12-2019	FN	55	36	9	100
		AN	67	35	10	112
7	16-12-2019	FN	55	25	8	88
		AN	67	33	8	108
8	17-12-2019	FN	67	31	11	109
		AN	67	42	11	120
9	18-12-2019	FN	64	29	7	100
		AN	71	37	11	119
10	19-12-2019	FN	5	3	0	8
		AN	33	14	6	53
11	23-12-2019	FN	83	46	8	137
		AN	90	45	8	143

c) **Phase – 3 –** Attendance report of Phase-3 training completed, scheduled from 24/02/2020 to 03/03/2020. Total students enrolled is 205.

Attendance Summary of ISCP Phase-3 Classes						
Sl. No.	Date	Session	Branch			Total Absent
			CSE	ECE	Mech.	
1	24-02-2020	FN	**34**	**10**	**9**	**53**
		AN	**35**	**16**	**9**	**60**
2	25-02-2020	FN	**37**	**10**	**9**	**56**
		AN	**52**	**31**	**9**	**92**
3	26-02-2020	FN	**39**	**14**	**9**	**62**
		AN	**57**	**18**	**9**	**84**
4	27-02-2020	FN	**40**	**15**	**9**	**64**
		AN	**65**	**22**	**9**	**96**
5	28-02-2020	FN	**47**	**13**	**9**	**69**
		AN	**80**	**25**	**9**	**114**
6	02-03-2020	FN	**48**	**21**	**9**	**78**
		AN	**76**	**27**	**9**	**112**
7	03-03-2020	FN	**51**	**16**	**9**	**76**
		AN	**48**	**16**	**9**	**73**

L) Industry Standard Coding Practice for B.Tech 2018-2022 batch

Scope: CCC 6101 – 'Industry Standard Coding Practices' for Competitive Professional Skills for our B.Tech 2nd year students passing out in 2022.

No of phases and attendance status:

a) **Phase -**1: -- Paper-1 is going on in current semester for B.Tech 2nd year students of 2018 batch and is part of our academic curriculum. ISCP course carries 1 credit.
b) **Phase -**2: -- Paper-2 of ISCP will be regular course in 5th semester for B.Tech 2nd year students of 2018 batch and is part of our academic curriculum. ISCP course carries 1 credit.
c) **Phase -**3: -- Paper-3 of ISCP will be in 6th semester regular course for B.Tech 2nd year students of 2018 batch and is part of our academic curriculum. ISCP course carries 1 credit.

Students registered in 4th Semester for this ISCP course of our B.Tech 2018 batch is below:

Branch	Attended
CSE	670
ECE	253
Mech.	76
EEE	28
Civil	45
B.Sc.(Comp)	7
Total	**1079**

Below is the quick synopsis of ISCP Training for reference:

3rd Year Students - Overall Learnings:

Phase1 - Learner must be:

- Able to understand test and development aspects of programming by solving problems at Industry standards.
- Able to interpret any given problem using required domain skills, mathematics.
- Able to learn and apply methods to optimize solutions for any given problem.
- Able to solve problems using elementary data structures with test driven development.

Phase2 - Learner must be:

- Able to understand test and development aspects of programming by solving problems at Industry standards.
- Able to interpret any given problem using required domain skills, mathematics.
- Able to learn and apply methods to optimize solutions for any given problem.
- Able to solve problems using abstract data structures with test driven development.
- Able to write solutions using advanced data structures like linked lists & trees.
- Able to efficiently code solutions using best algorithmic approaches.

Phase3- Learner must be:

- Able to understand test and development aspects of programming by solving problems at Industry standards.
- Able to learn and apply methods to optimize solutions for any given problem.
- Able to solve problems Standard Template Libraries with test driven development.
- Able to write solutions using advanced String algorithms and tire.
- Able to efficiently code solutions using best algorithmic approaches.
- Able to answer questions on different domains like networks, operating systems and DBMS

2nd Year Students - Overall Learnings:

ISCP – 1: - Learner must be:

- Able to understand test and development aspects of programming by solving problems at Industry standards.
- Able to interpret any given problem using required domain skills, mathematics.
- Able to learn applicable methods to optimize solutions for any given problem.
- Able to develop programs using C / Python languages until elementary data structures with test driven development.

ISCP – 2: - Learner must be:

- Able to understand test and development aspects of programming by solving problems at Industry standards.
- Able to interpret any given problem using required domain skills, mathematics.
- Able to learn applicable methods to optimize solutions for any given problem.
- Able to develop programs using C / any language with data structures.
- Able to develop OOP programs through Java with test driven development,
- Able to learn and implement database concepts required for placements.

ISCP – 3: - Learner must be:

- Able to understand test and development aspects of programming by solving problems at Industry standards.
- Able to interpret statistical problems using required domain skills, mathematics.
- Able to learn applicable methods to optimize solutions for any given problem.
- Able to develop programs using C, python / any preferred language until advanced algorithms with test driven development approach.

- Able to implement problem solving using R programming

M) Placement Automation App – SuperSet

Scope: Subscription of license for "**Superset**" Placements Automation Platform for our B.Tech non-final year students.

Our Recruiting partners

DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS

Fostering sports and physical activities

The Department of Physical Education and Sports, SRM University-AP Andhra Pradesh is promoting the prominence of physical activities, along with regular academics. The University is fostering sports and physical activities as a means to develop personality, health, and discipline. The department provides enormous opportunity to the students to use their leisure time indulging in sports to reduce their stress. At this esteemed University, we believe in all-round development of students and hence, the students are trained and equipped to excel in several disciplines of sports, and also bring many accolades to the University.

- Overview of the students of SRM University-AP participating in the Sports Fest conducted by other institutions, where the students participated and exhibited their mettle in various sports such as Basketball, Volleyball, Football, etc.

Sl. No	Name of the student	Dept	Activity
1.	Kolla Harsha Vardhan Sai	CSE	Football - VITOPIA Champions and SRM APSports Fest runner up (SRM AP FOOTBALL TEAM).
2.	Paladugu Venkata Hemanth	CSE	Long Distance Running - 10Kms race in Tata Steel Marathon, Kolkata -Dec'19 and achieved his personal best timing of 68mins.
3.	Priyanshu Singh	CSE	Football - VITOPIA champions and SRM AP Sports Fest runner up(SRM AP FOOTBALL TEAM).
4.	Suyash Dayal	CSE	Essay writing competition-SRM AP (12th feb 2020) – secured 2nd place.
5.	K. Sree Rama Murthy	CSE	Chess - SRM AP Sports Fest runner up.
6.	K. Yateesh Chandra	CSE	VITOPIA Sports Fest - Cricket winners, MVRSports Fest cricket winners.SRM AP Sports Fest cricket participation(SRMAP Cricket team).

- The Students of SRM-AP have proven to be all-rounders by winning several cups in various segments of Sports Fest organized by VIT-AP and MVR College of Engineering and Technology.

Participants from SRM University-AP, Andhra Pradesh in the MVR Sports Fest 2020:

Sl. No	Names	Section	Roll No
	Cricket		
1	Jaswanth	ECE	AP17110020059
2	Dhanush	ECE	AP17110020048
3	Venkat Rathan	CSE -J	AP18110010589
4	G. Tharun (C)	ECE-D	AP18110020219
5	Siva Krishna	CSE	AP17110010044
6	Manohar	CSE	AP19110010057
7	William	BA ECO	AP18211120004
8	Vinod	CSE-G	AP19110010355
9	Ambhuj	CSE-d	AP18110030020
10	Usman Khan	CSE-E	AP18110010326
11	Rithvik Reddy	CES-F	AP18110010476
12	Pranav	CSE-C	AP19110010428
13	Venkat	Mech	AP18110030020
14	Ambuj	CSE -D	AP18110010227
15	Karthik	CSE-E	AP19110010277
16	Yateesh chandra	CSE-H	AP19110010526
	Badminton		
1	K. Bala Akil	CSE -J	AP18110010588
2	Venkat Rathan	CSE -J	AP18110010589

Participants from SRM University-AP, Andhra Pradesh in the Vitopia 2020:

Sl. No	Names	Section	Roll No
	Cricket		
1	Jaswanth	ECE	AP17110020059
2	Dhanush	ECE	AP17110020048
3	Venkat Rathan	CSE -J	AP18110010589
4	G. Tharun (C)	ECE-D	AP18110020219
5	Siva Krishna	CSE	AP17110010044
6	Manohar	CSE	AP19110010057
7	William	BA ECO	AP18211120004
8	Vinod	CSE-G	AP19110010355
9	Ambhuj	CSE-d	AP18110030020
10	Usman Khan	CSE-E	AP18110010326

11	Rithvik Reddy	CES-F	AP18110010476
12	Pranav	CSE-C	AP19110010428
13	Venkat	Mech	AP18110030020
14	Ambuj	CSE -D	AP18110010227
15	Karthik	CSE-E	AP19110010277
16	Yateesh chandra	CSE-H	AP19110010526
	BASKETBALL		
1	Rohit	AP17110020066	ECE
2	Miran.	AP17110010074	CSE
3	Hans.	AP17110010141	CSE
4	Gaurav.	AP17110010128	CSE
5	Vishnu.	AP17110010062	CSE
6	Willy.	AP17110010138	CSE
7	Steve.	AP18110010389	CSE
8	Samba	AP18110010676	CSE
9	Pavan.	AP18110010244	CSE
10	Karthik	AP18110010074	ECE
	TABLE TENNIS		
1	Paras Singhal	AP18110010001	Cse
2	Jairaj Yadav	AP17110010107	Cse
3	Durga vishal	AP18110030022	Mechanical
4	Syed Yasar Mahmood	AP19110010443	Cse
5	Rishu Kumar	AP18110010233	Cse
6	Vitan Chopra	AP18110010606	Cse
	FOOTBALL		
1	Harsha Vardhan Sai	AP18110010306	CSE
2	Farhan	AP18110010208	CSE
3	Venky	AP19110010359	CSE
4	Ramesh K. Yadav	AP17110010131	CSE
5	Nathoma	AP17110030021	Mechanical
6	Andrew	AP17110030025	Mechanical
7	Rakush	AP17110010129	CSE
8	Huzeidu	AP17110030024	Mechanical
9	Julius Sibsa	AP18110010645	CSE
10	Priyanshu Singh	AP18110010377	CSE
11	Deependra	AP18110020223	ECE
12	Dibya Chaudhary	AP17110030015	Mechanical
13	Ishmael	AP17110030022	Mechanical
14	Suhail	AP17110020068	ECE
15	Elham Karimi	AP17110020069	ECE
16	Parshal Chitrakar	AP17110020067	ECE

	VOLLEYBALL		
1	Srinivas	AP19110030001	Mechanical
2	Samba	AP19110030001	Mechanical
3	Bharadhwaj	AP19110020100	ECE
4	Sai kiran	AP19110020093	ECE
5	Eswar	AP18110010652	CSE
6	Vivek	AP19110010413	CSE
7	Jessy	AP17110020007	ECE
8	Sagar	AP17110020064	ECE
9	Surya	AP18110010599	CSE
10	Srinivas	AP19110030001	Mechanical
	Chess		
1	K.Vamsi	AP17110010048,	CSE
2	G.Akhileshwar	AP17110010097	CSE
3	K.Sai Rohith	AP17110010024	CSE
4	Santosh	AP18110010020	CSE
5	K.Sree Ram Murthy(,2nd)	AP18110010213	CSE
6	Saikath Biswas		
	Lawn Tennis		
1	GKV Manikantha	AP19110030035	Mechanical
2	Anish Kuber	AP181100010249	CSE
3	Kalash	AP19110010331	CSE

- SRM University-AP, Andhra Pradesh Participated 60 Students and Staff for Vijatha Run 2020 at Mangalagiri on March 1, 2020.
- SRM University-AP, Andhra Pradesh conducted International Yoga Day on June 21, 2019.


International Yoga Day

- SRM University-AP, Andhra Pradesh conducted National Sports Day (FitIndia Movement) on August 29,2019.


National Sports Day (FitIndia Movement)

- SRM University-AP, Andhra Pradesh students participated in the coaching camp in Cape Cod Sports at the USA.
- SRM University-AP, Andhra Pradesh students played a number of cricket matches (Friendly Matches) with other colleges, and also participated in tournaments conducted by Eenadu, and Sakshi.

Representatives from SRM University-AP, Andhra Pradesh in Eenadu Champion Cricket Cup-2019 on December 10, 2019.

Sl. No	Names	Section	Roll No
1	Jaswanth	ECE	AP17110020059
2	Dhanush	ECE	AP17110020048
3	Venkat Rathan	CSE -J	AP18110010589
4	G. Tharun (C)	ECE-D	AP18110020219
5	Siva Krishna	CSE	AP17110010044
6	Manohar	CSE	AP19110010057
7	William	BA ECO	AP18211120004
8	Vinod	CSE-G	AP19110010355
9	Venket		
10	Usman Khan	CSE-E	AP18110010326
11	Rithvik Reddy	CES-F	AP18110010476
12	Pranav	CSE-C	AP19110010428

Representatives from SRM University-AP, Andhra Pradesh in Sakshi Champion Cricket Cup-2019, on January 7, 2020.

Sl. No.	Names	Section	Roll No
1	Jaswanth	ECE	AP17110020059
2	Dhanush	ECE	AP17110020048
3	Venkat Rathan	CSE -J	AP18110010589
4	G. Tharun (C)	ECE-D	AP18110020219
5	Siva Krishna	CSE	AP17110010044
6	Manohar	CSE	AP19110010057
7	William	BA ECO	AP18211120004
8	Vinod	CSE-G	AP19110010355
9	Ambhuj	CSE-d	AP18110030020
10	Usman Khan	CSE-E	AP18110010326
11	Rithvik Reddy	CES-F	AP18110010476
12	Pranav	CSE-C	AP19110010428

- Representatives from SRM University-AP, Andhra Pradesh participated in Basketball and Volleyball matches in the VIVA Sports Fest conducted by VVIT conducted VIVA sports on December 20-21, 2019.

Sl. No	Name	Roll no	Branch	Year
	BASKETBALL			
1	k. rohit	AP17110020066	Ece	3rd year
2	M. junaidi	AP17110010074	Cse	3rd year
3	Surya Narayana	AP17110030011	Mechanical	3rd year
4	D. Gaurav	AP17110010128	Cse	3rd year
5	K. Hans	AP17110010141	Cse	3rd year
6	B. Karthik	AP18110020245	Ece	2nd year
7	Steve.V	AP18110020238	Cse	2nd year
8	Shobith gupta	AP18110010522	Cse	2nd year
	VOLLEYBALL			
1	A.Siva krishna	AP1711001004	Cse	3rd year
2	Surya teja	AP18110010599	Cse	3rd year
3	Eswar chandu	AP18110010652	Cse	3rd year
4	Nr.Sagar	AP17110020064	Ece	3rd year
5	Jaswanth babu	AP17110020007	Ece	3rd year
6	Bharadwaj	AP19110020100	Ece	1st year
7	Sai kiran	AP19110020093	Ece	1st year
8	Samba siva	AP19110030004	Mechanical	1st year
9	Srinivas	AP19110030001	Mechanical	1st year

- Selected students of SRM University-AP, Andhra Pradesh represented the University in the Nine A Side Cricket National Championship which was held on January 5, 2020.

The following students participated and secured 2nd place:

Sl. No	Name of the Students	Roll No	Branch
1	K.Yateesh Chandra	AP19110010526	CSE-H
2	V Vinod Varma	AP19110010355	CSE-G
3	S Jaswanth	AP17110020059	ECE
4	Gopu Tharun	AP18110020219	ECE D
5	D Askash Chavan	AP19211010042	BBA

- Nine A Side Cricket National Championship 2020.

The following students participated:

Sl. No.	Name of the Student	Place
1	K.Yateesh Chandra	2nd
2	V Vinod Varma	2nd
3	S Jaswanth	2nd
4	G Gopi tarun	2nd
5	D Askash Chavan	2nd

- Students of SRM University-AP, Andhra Pradesh participated in Basketball, Volleyball, Football, Table Tennis Chess and Throw ball (Women) matches in the Vignan Mahotsav 2020 hosted by Vignan's Foundation for Science, Technology & Research (Deemed to be University) on January 30- February 1, 2020.

Students representing SRM University-AP, Andhra Pradesh in the Vignan Mahotsav 2020:

Sl. No.	Names	Roll no	Branch	Year
	BASKETBALL			
1	K. Rohit	AP17110020066	Ece	3rd year
2	M. Junaidi	AP17110010074	Cse	3rd year
3	Surya Narayana	AP17110030011	Mechanical	3rd year
4	D. Gaurav	AP17110010128	Cse	3rd year
5	K. Hans	AP17110010141	Cse	3rd year
6	B. Karthik	AP18110020245	Ece	2nd year

7	Steve.V	AP18110020238	Cse	2nd year
8	Shobith gupta	AP18110010522	Cse	2nd year
	VOLLEYBALL			
1	A.Siva krishna	AP1711001004	Cse	3rd year
2	Surya teja	AP18110010599	Cse	3rd year
3	Eswar chandu	AP18110010652	Cse	3rd year
4	Nr.Sagar	AP17110020064	Ece	3rd year
5	Jaswanth babu	AP17110020007	Ece	3rd year
6	Bharadwaj	AP19110020100	Ece	1st year
7	Sai kiran	AP19110020093	Ece	1st year
8	Samba siva	AP19110030004	Mechanical	1st year
9	Srinivas	AP19110030001	Mechanical	1st year
	FOOTBALL			
1	Rakush rimal	AP17110010129	Cse	3rd year
2	Farhan alam	Ap18110010208	Cse	2nd year
3	Ramesh Yadav	AP17110010131	Cse	3rd year
4	Harsha vardhan sai	AP18110010645	Cse	2nd year
5	Venky	AP19110010359	Cse	1st year
6	Julius sibsa	AP18110010645	Cse	2nd year
7	Ishmael nanthomah	AP17110030021	Mechanical	3rd year
8	Andrews owusu	AP17110030025	Mechanical	3rd year
9	Salley huzeidu	AP17110030024	Mechanical	3rd year
10	Pryanshu singh	AP18110010377	Cse	2nd year
	THROWBALL(GIRLS)			
1	P. Sai tanmayi	AP17110010006	Cse	3rd year
2	p. Sravani	AP18110010439	Cse	2nd year
3	Bhavana	AP18110010173	Cse	2nd year
4	B.Sai charitha	AP18110010597	Cse	2nd year
5	yamini	AP19110010034	Cse	1st year
6	Rajyalakshmi	AP19110010311	Cse	1st year
7	Grishma	AP19110010017	Cse	1st year
8	Nishitha	AP19110010302	Cse	1st year
9	Meghana	AP19110010067	Cse	1st year
10	Gayathri	AP19110020129	Cse	1st year
11	Sumaiah	AP18110020026	Cse	2nd year
12	Himabindu	AP17110020057	Cse	3rd year
	TABLE TENNIS			
1	Paras Singhal	AP18110010001	Cse	2nd year
2	Jairaj Yadav	AP17110010107	Cse	3rd year
3	Durga vishal	AP18110030022	Mechanical	2nd year
4	Syed Yasar Mahmood	AP19110010443	Cse	1st year
5	Rishu Kumar	AP18110010233	Cse	2nd year

6	Vitan Chopra	AP18110010606	Cse	2nd year
	ATHELITICS			
1	G Ramdeeraj	AP19110050017	Civil	1st year

Sports Fest 2020

The third chapter of Sports Fest opened with the spectacular torch lighting ceremony by Prof. D Narayana Rao, Pro Vice-Chancellor, SRM University, Andhra Pradesh. The proceedings included welcome speeches by Prof. Narayana Rao, and Dr. D. Gunasekaran, while Dr. G S Vinodh Kumar, Fest Convener, and Dr. Abdul Mohimain, Assistant Physical Director (Organising Secretary), Ms. Revathi Balakrishnan, Organizing Secretary graced the event.

Students participating in a gamut of sports

On the note to uphold the essence of athletics, Pro VC declared the Sports Fest 2020 open. The two-day extravaganza featured events such as tournaments of football, cricket, basketball, volleyball, throwball, table tennis, chess etc. for both men and women students. Students from institutions like IIIT Nuzvid, Vasireddy Venkatadri Institute of Technology, R.V.R. & J. C. College of Engineering, Vignan's Foundation for Science, Technology & Research, Prasad V. Potluri Siddhartha Institute of Technology, Dhanekula Institute of Engineering & Technology, K L University, SRKR Engineering College and many others enthusiastically participated in these events. On the first day, the knock-off rounds were played. Winners of the knock-out rounds geared up for the semi-final and final rounds. The next day decided the champions

and runner-ups. Our boys of the football team played ferociously in the knock-out rounds and lost to the winning team only by one goal. As for the chess team, their brilliant strategies took them straight to the finals where they lost in the tie-breaker.

On 16th February afternoon, the Valedictory Ceremony began. Mr. JBS Vidyadhar, former Indian badminton player and present coach of the Indian Badminton Team graced the ceremony as a chief guest. Distinguished presence of Prof. D. Narayan Rao, Dr. D. Gunasekaran, Dr. G S Vinodh Kumar, Dr. Abdul Mohimain, Mrs. Revathi Balakrishnan, added dignity to the ceremony. The Men's team of SRM University-AP bagged the runner-up prizes in football and chess tournaments. The women's team of the university also secured runner-up positions in throwball, basketball and table tennis tournaments. Sri Rama Murthy, a member of the runner-up chess team of SRM University-AP, overwhelmed with joy, says, "this trophy has boosted our confidence. We hope to perform even better in the coming years." K L University, with four champion's trophies, was declared to be the overall champion of the Sports Fest -2020. With our national anthem in the background, this spirited festival came to an end with a promise of more successful events in the following years.

Mr. JBS Vidyadhar encouraging the athletes

Dean Stephen Baker's visit to SRM AP campus

The former Vice President of Community Affairs and Dean of Athletics, Cooper Union, Stephen Baker conducted coaching sessions at SRM AP for the 1st year students. He has dedicated over 50 years to the service of Cooper Union and played a monumental role in influencing the athletic world.

Dean Baker conducting coaching sessions

Dean Baker coached basketball, volleyball, foot ball and lawn tennis. SRM AP sports enthusiasts who participated in the program were appreciative of Dean Baker's immense knowledge and experience are confident that the training will help them both physically and mentally and foster all-round development that will show results when they represent the university at sports events and competitions in the future.

STUDENT AFFAIRS

Caption (Ananya, manoswita), Date

The Department of Student Affairs, SRM University- AP, Andhra Pradesh is entrusted to developing a vibrant and engaging environment that fosters both the academic and individual advancement of the students. MsRevathi. Along with her team helpsin designing an ethoswhere students are actively engaged in their academic and the co-curricular activities. To ensure the personal development of the learners, the department organizes innumerable contests, celebrations, and club activities throughout the year.

Student Clubs and Societies

Clubs / Societies / Chapters or any student group enable young minds to invest their time beyond academics. Each club brings out the best in students and find ways to engage them in activities after college hours. The learners are encouraged to participate and win accolades in all kind of art forms such as music, dance, art, hobbies, sports, etc.

	General	Academic
Groups	The Student Council The SRMAP Houses The SRMAP Band "Diversity" The SRMAP Photography Club "Off-Timers" The SRMAP Newsletter "Aether" The Social Media Team The Debate Society The Literary Club	The Robotics Society The Innovation Society The Coding Society The Gaming Club
Clubs/ Societies	Music Club Gaming Club Photography Club Debate Club	Robotics Society Literary Society Innovation Society Coding Society

Conferences, Events and Activities

1. SRM AP at educational fair in collaboration with SAPE

Date: JUNE 1-3, 2019

2. Photography Society Workshop

Date: JJULY 17, 2019

Members of the Photography Society conducted a workshop to explain the technicalities of photography to help interested freshers in understanding the joining process.

3. **EXPO**

Date: JULY 17, 2019

A grand exhibition of the technical expertise highlighting the achievements of Next Tech Lab students.

4. **Fresher's Day**

Date: AUGUST 28, 2019

Following the orientation program, it was time to welcome the Freshmen 2019. The students witnessed the grandeur of "Aloha", Fresher's Welcome on AUGUST 28, 2019 and enjoyed the performance of the renowned stand-up comedian and winner of Comicstaan 2, Samay Raina.

5. **Education USA**

Date: AUGUST 26, 2019

United States-India Educational Foundation presents seminar on Applying to Graduate (Masters and PhD) Engineering schools in the United States for 2nd and 3rd year students. A U.S. State Department initiative.

6. SRM University- AP celebrates Founder's Day

Date: SEPTEMBER 04, 2019

SRM University - AP celebrated Founder's Day by organizing a blood donation camp. More than 120 college students and faculty have donated blood in the camp of which several were first time donors.

7. Talk on IPR and Patent filing

Date: SEPTEMBER 04, 2019

Mr. Balaji AK, Patent Advocate, and RK Dewan, Patent Agent & Company graced the occasion.

8. **Debate Society of ACTS: Parliamentary Debate**

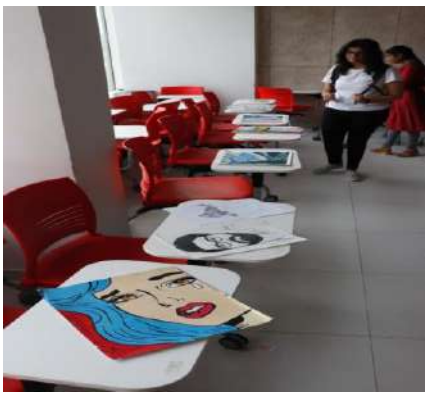
Date: SEPTEMBER 06, 2019

'This parliament believes attendance should not be made compulsory for students'. The Debate Society of ACTS held a brief session after the debate for all those who are interested in participating in future debates being held by the society.

9. **Creative Arts Club Exhibition**

Date: SEPTEMBER 10, 2019

Creative Arts club was inaugurated to bring out the talents of the students in the university and the club members in particular. The exhibition was inaugurated by the Registrar Dr Gunasekharan with the art works and paintings by the students of the Creative Arts club.



10. **Visit by Ms. MeenakshiLekhi, MP to deliver a talk on "Women's Advancement in India: Progress and Promise".**

Date: SEPTEMBER 23, 2019

On SEPTEMBER 23, 2019, Ms. MeenakshiLekhi, MP, visited the campus to deliver a talk on "Women's Advancement in India: Progress and Promise". Speaking on the subject of women's empowerment and gender biases in all walks of life, MeenakshiLekhi made it a point to explain that empowerment cannot be viewed from the narrow-angle of haves and have nots. Empowerment means not having to depend on others, it is not linked to how one dresses or what one does for a living. It is about mental equality, knowing where you belong, how you express yourself, being self-assured, not letting external factors impede one's growth and freedom.

11. **ACTS Intro Session**

Date: SEPTEMBER 25, 2019

An intro session for all the enthusiastic debaters in the house. In this session, we will be discussing the fundamental frameworks and guidelines to be followed in the upcoming debate sessions that will be organized by the Debate Society in collaboration with the ACTS. The students attending this session will be allowed to become a member of the Debate Society and take part in any upcoming events held by the Debate Society.

12. **Gandhi Jayanti Celebrations**

Date: OCTOBER 02, 2019

SRM AP celebrated GANDHI JAYANTI on OCTOBER 2, 2019 to commemorate the national leader on his 150th birth anniversary. The event initiated with the felicitation ceremony by VC and ProVC, followed by academic lecture sessions by Prof. Rakesh Batabyal, Dr. Sebastian Joseph, and Dr. Maanvender Singh. In addition to this, the Arts Club displayed a collection of paintings on the Life of Mahatma Gandhi.



13. **"University As A 'Living Laboratory' Of Environment Sustainability, Social Change And Regional Growth".**

Date: OCTOBER 07, 2019

14. **First Food Festival at SRM-AP - celebrating the diverse taste and cuisines of various states in India**

Date: OCTOBER 16, 2019

Continuing with the year and to keep the essence of diversity which SRM AP is renowned for, on OCTOBER 16, 2019, the first Food Festival was arranged to celebrate the diverse taste and cuisines of various states in India.

15. **Best Out Of Waste Contest**

Date: OCTOBER 16, 2019

BEST OUT OF WASTE CONTEST was organized on October 16, 2019, with the objective of achieving 'Waste reduction and control' by fostering the Gandhian principles of developing small and cottage industries. Participants were split into groups of 5 and were encouraged to ideate and create their final "Best out of Waste" product utilizing used/waste materials. The contest tested the creative abilities and team skills of our students which will help them in developing a keen sense for tapping potential business opportunities.

16. **Guest Lecture by Prof. Satheesh Krishnamurthy, Open University, UK on "Solar fuel to address water challenge".**

Date: OCTOBER 18, 2019

SRM AP's social service initiatives, partnered infrastructure development and environment sustainability projects serve as a grassroots level engagement with communities in the surrounding clusters of villages – Saakhamuru, Thullur and Nelapadu to the north, Pedaparami and Kuragallu to the west, and Neerukonda and Nidamaru to its east.

17. Open Mic Session organized by Arts Culture & Technology Society

Date: NOVEMBER 05, 2019

ACTS conducted an open MIC on Nov5th 2019, a live show which provided a platform for students to showcase their talents. The open Mic featured slam poetry, stand-up comedy beat boxing and various musical performances. All the performances were by the students on campus.

18. Christmas carnival at SRM AP

Date: DECEMBER 24, 2019

The celebrations continued with the on the eve of Christmas, 2019. The student council and volunteers assisted by the Student Affairs department started the preparation 10 days back. Christmas Eve celebration on 24th began at 4 pm in the reception area with cake cutting ceremony by Prof D Narayana Rao (Pro VC), Prof D Gunasekaran (Registrar), WgCdrVenkataachalamSekkappan (Director CLM) and Revathi B (Assistant Director- Student Affairs). The celebration then shifted to the grand

staircase where the students sang Christmas carols, followed by semi-classical dance by 1st-year student- Sahithi. Other performances included western dance by Pavan. Antakshari was played among the students to add to the fun quotient. Post a sumptuous dinner, Home Alone was screened at night in the grand staircase. On 25th evening, faculty and Ph. D scholars joined the students to celebrate Christmas. The wardens of the four hostel towers were given the task to decorate a Christmas tree. Each of the residents including the faculty participated to win the best tree decorator award. At 5 pm, the event kick started with fun games such as tug of war between boys and girls separately, passing the parcel and impromptu by 3rd-year students- Aakansha Chauhan and Amina. Delicious butter cookies were baked and served before the special Christmas dinner. At night, the students enjoyed the movie screening of Polar Express along with piping hot cups of hot chocolate.

19. **SRM AP welcomes the New Year with grandeur!**

Date: JANUARY 01, 2020

On January 1, 2020, it was time to welcome the new year with grandeur! The basketball court was stunningly decorated with disco lights, and the ambiance was set with soulful performances by "Diversity"-the student's band. The much-awaited "DJ Night" began right after where the students grooved to English, Hindi, and Telugu music. The countdown to 2020 began at midnight and soon enough skyrockets shot

off to declare that we stepped into the new year. A cake-cutting ceremony by WgCdrVenkataachalamSekkappan (Director-CLM) marked the end of the day.

20. **Photography Society celebrates with the innocents**

Date: JANUARY 10, 2020

On January 10, 2020, Photography Society- SRM AP's photography club completed their first year of existence under the guidance of our in-house photographer, Hemanth Kumar K. They celebrated their first anniversary with 80 kids in the orphanage- Chiguru Children's Village, and distributed 240 books followed by a cake-cutting ceremony.

21. **Smart India (Internal Hackathon) 2020!**

Date: JANUARY 11, 2020

Smart India Hackathon 2020 is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. In SIH 2020, the students would have the opportunity to work on challenges faced within various Ministries, Departments, Industries, PSUs and NGOs to create world-class solutions for some of the top organizations including industries in the world, thus helping the Private sector hire the best minds from across the nation. It was conducted at SRM AP on the 10th and 11th January with participants from all over the country.

22. **Color filled Republic Day celebration with the neighbors**

Date: JANUARY 25, 2020

This year SRM AP celebrates Republic Day in the most unconventional way that has enabled the females of the district to come together and rejoice the occasion. Words went out a week ago to the women hailing from the adjoining villages-Nidamarru, Kurugallu, Neerukonda, Pedhaparimi that SRM AP will be hosting Republic Day themed Rangoli competition on January 25, 2020 which will be open to all the women living in the district, students, faculty, and staff. Prof. D Narayana Rao (Pro VC), Dr. D Gunasekaran (Registrar), and Dr. B Sivakumar (Dy Registrar) gave away prizes to the winners of the Rangoli competition.

23. **Thought provoking Republic Day celebration at SRM AP campus**

Date: JANUARY 26, 2020

Students, faculty, and staff of SRM AP gathered early on the morning of 26th January 2020 to celebrate the 71st Republic Day of independent India. The event began with Pro VC, Prof. D Narayana Rao hoisting the national flag of India. The patriotic mood was heightened by Prof. Rao's speech where he expressed his reverence towards our freedom fighters who gifted us the freedom of speech, expression, etc. Thereafter, the students portrayed their sense of patriotism through phenomenal singing and dancing performances. Thereafter, the students portrayed their sense of patriotism through phenomenal singing and dancing performances.

24. **Depicting India by lens and strokes of paintbrush**

Date: JANUARY 28, 2020

SRM AP hosted exhibitions piloted by the Photography Society with a theme: India through my Lens" for students, staff and faculties.

The Creative Arts Club on the 71st Republic Day that gave us a deeper insight into the diverse culture and incredibility of India.

25. "Night League" turns students into Knights in Virtual Reality battlefields

Date: JANUARY 30, 2020

Night League" turned students into Knights in Virtual Reality battlefields on JANUARY 29, 2020. 2nd-year students, A SohithChowdary, Bharat Mocherla, Narendra Gudivada, Syed Moinuddin, Dinesh Thotakura, and GopiTeja N Sampara launched the e-sports club "Unity" last year. The club organized "Night League" on January 29, 2020 in collaboration with Gaming Isle, a company from Vijayawada, which provided equipment including Play Stations for the gaming competition. The competition turned out to be a gamer's paradise with 250 participants registering for the mobile-based game – Call of Duty, and FIFA 20 and WWE having 30 and 33 entrants respectively. The motion sensor game, Kinect was open to all willing players who delved into the world of Virtual Reality and mesmerized themselves.

26. "A sound mind is in a sound body"

Date: FEBRUARY 25, 2020

At SRM AP, we believe that "A sound mind is in a sound body", and hence, organized a yoga and meditation session on FEBRUARY 25, 2020. An eight-week "Yoga & Meditation Training Programme" in collaboration with the Heartfulness Institute, Hyderabad. The inaugural session was graced by the presence of Prof. D. Narayana Rao, Pro-Vice Chancellor; Dr. D. Gunasekaran, Registrar; Dr. A. Lakshmana Rao, Assistant Professor, Department of Commerce and NSS Coordinator; Dr. Venkata N Nori, Associate Professor, Department of Mechanical Engineering and in house yoga trainer for boys; Dr. Ajitha, Instructor, Department of Business Administration and in house trainer of yoga for girls. Sri N. L. V. Pandu Ranga Prasad, social worker and an associate of Shri Ram Chandra Mission, has honoured the university with his presence as a Chief Guest in this event. The Inaugural Ceremony ended with a brief meditation session led by Dr. Nori, followed by the vote of thanks.

27. **Essay Competition**

Date: FEBRUARY 29, 2019

An Essay Writing competition was held for the students with the topic" I went I saw I conquered". Students turned out in large numbers and participated.

28. **Talent Show. (open to all)**

Date: MARCH, 04 2020

Solo and duet singing competition was conducted, followed by talent show. Competitions are open to all. Facuties, staff and students participated.

29. **Women's Day**

Smt. B. Vijayakeerthi celebrate women's day at SRM AP campus

Date: MARCH 08, 2020

Continuing upholding the spirit of equality, faculty, staff, and students came together to celebrate Women's Day and participated in fun activities, games, and competitions hosted throughout the week. This included spoon and lemon race, tug of war, bucket and ball, musical chair, singing competition, dancing competition, Mathematics contest- Ms. Hypatia, and essay competition. Everyone on the campus observed 7th March as an Ethnic Day by draping themselves in traditional wear, enunciating the beauty of the occasion. With grand exuberance, SRM AP welcomed the Chief Guest, Smt. B. Vijayakeerthi, IRSE, Divisional Engineer, South-Central Railway, Guntur, on Women's Day.

29. **Holi Celebration 2020**

Date: March 10, 2020

In addition, right before the pandemic engulfed the world, on March 10, 2020, SRM AP students danced to the music of festivity during Holi 2020. The students came together to spread the color of joy this Holi, while the mood was heightened by the Holi songs played in the background.

After the onset of Pandemic COVID19 when it was seen that it would take time for the University to reopen, we started the competitions online

30. **SRM Unity Quarantine Championship by E-sports club**

Date: APRIL 18-19, 2020

E-SPORTS CLUB came up with an idea to Donate for PM RELIEF FUND decided to Raise some funds through an Online Gaming Tournament.

Where 70% of the collected Amount would be donated to PM RELIEF FUND and 30% To the Winning Team. Registration Fee per Team-of Rs.200 INR was collected and 25 teams which participated in the tournament. 5000 INR was generated 3500 INR. Was donated to PM Relief fund and 1500 INR was given to the winner Mr Saran & Team from Mechanical Branch 2nd Year.

31. **Dance Competition**

Date: May 25, 2020

Dance competition was conducted for the students online

"Digital Detox
"Break free of your devices and go on a digital detox"

students were asked to take the video of their performance and the winners were adjudged from the submitted videos. This was an altogether new experience for the students

32. **Music Competition – Lockdown Melodies**

Date: May 25, 2020

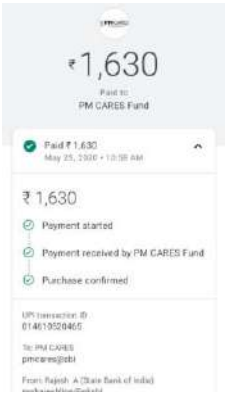
Lockdown Melodies

Music Club conducted the online music competitions in both vocal and instrumental. Like the dance **competition here too they had to submit the video of their performance and the winners were adjudged from the submitted videos.**

33. **Online Art Competition (From Creative Arts Club)**

Date: MAY 25, 2020

Online drawing and painting competition was organized by the creative club. Students participated enthusiastically and they also donated art Contest revenue of (Rs.1630) to Prime Minister's Citizen Assistance and Relief in Emergency Situations (PM CARES).






34. **Webinar on Statement of Purpose**

Date: JUNE 04, 2020 Time:10.00am to 11.30am (inclusive of Q&A session)

The Statement of Purpose is the single most important part of application important for admissions, career path and also helps in improving professional interests.

SOP is not just needed for higher studies abroad. It is also required to be submitted for admission in premier institutions in India. Apart from that it is required to apply for internship and sometimes for courses on Entrepreneurship.

35. **The Newsmakers**

Date: JUNE 20, 2020

'Newsmakers" a new series was launched to showcase student's and faculties achievement and also to encourage others to create and do things to make The University proud.
Under the first session of Newsmakers, Guinness world record holder **Tatineni Sreya,** ECE was invited to share her experience at 5,00pm on zoom.

36. **Club Inauguration (SAEINDIA Collegiate Club)**

Date: JUNE 24, 2020

SAEINDIA is India's leading resource for mobility technology. As an individual member-driven society of mobility practitioners, the ownership of SAEINDIA wrests with its members who are Individuals from the mobility community, which includes Engineers Executives from Industry, Government Officials, Academics and Students

SAEINDIA is a strategic alliance partner of SAE International registered in India as an Indian nonprofit engineering and scientific society dedicated to the advancement of the mobility industry in India. As a technical club SAE INDIA (SRM AP chapter) was inaugurated online with the mentors Dr Venkat Nori and Dr Jayaprakash and students

The objectives being:

1. To promote learning new technologies amongst the students and enable them to explore their creativity/engineering skills in AV technology in a fun and competitive atmosphere
2. To give students the experience of product development - design, analysis, prototyping/fabricating, testing and finally launching the product - developing technical skills, teamwork and leadership skills.
3. To provide a platform for discussion and brainstorming on topics such as
   a) Getting aware of the Govt. regulations
   b) Product and possible start-up ideas in AV area
   c) Key strategic and business issues facing the sector.

37. **The Newsmakers**

Date: JUNE 26, 2020

The next session of NEWS MAKERS featured Mr Aditya Mohan a 2nd – year (department of mechanical engineering) student who developed a highly useful face shield that costs less than a plate of snacks. A very lightweight, easy to wear, comfortable yet durable face shield is also biodegradable as the headband is made of cardboard(paper) which is 100% degradable material and the plastic can be reused. The Face Shield costs INR 15

38. **Book Reading Club**

Date: JUNE 27, 2020

To inculcate the habit of reading books while at home the reading club was revived with a workshop on how to review a book

39. **Speak your Heart**

Date: JUNE 16, 2020 Time: 4.30pm to 6.00pm

With the prevailing scenario of Covid it was felt that many were stressed out, anxious about a lot of things which if left unaddressed will have a dad effect on health
A Series called “SPEAK YOUR HEART” was started to deal with "STRESS, ANXIETY & DEPRESSION" the first session was quite apt for the then prevailing situation, in which a renowned Counsellor and coach Ms. Lakshmi gave an insight about stress anxiety and depression. Ms Lakshmi withover two decades of experience helped to reclaim the participants sense of self and reconnect positively with society for personal growth.

40. **Speak Your Heart (The Happiness Trap)**

Date: JUNE 29, 2020

The next session of Speak your Heart featured practicing **professional counselor** who is well known, and has been in this field for a long period of time. Dr. Nappinnai Seran. She shared her thoughts on the topic "**The Happiness Trap".** The session ended with Q&A session from the students.

NATIONAL SERVICE SCHEME (NSS) ACTIVITIES

Array of activities by NSS

The following activities were conducted by NSS Cell from June, 2019 – June, 2020:

Sl. NO	LIST OF ACTIVITIES	ACTIVITY CONDUCTED	DATE OF ACTIVITY
1.	Blood Donation Camp	123 Units of Blood Donated to Indian Red Cross Society, Guntur	24th August, 2019
2.	First Aid Training Programme for Volunteers	4 Programmes Conducted	25-09-19 to 09-10-19
3.	First Training by Volunteers in Piduguralla of Guntur Dist	A total of 200 school students were trained various schools of Piduguralla Mandal of Guntur Dist	28-10-2019
4.	Participation by Volunteers in Gandhi Jayanti	Volunteers Participated in Gandhi Jayanti Activity Conducted in the University	02-10-2019
5.	Training by Woman and Child Welfare Department, Govt of Andhra Pradesh	A total of 66 volunteers were allocated for training by the Social Welfare Department, Govt. of Andhra Pradesh	16-10-2019
6.	One Person One Tree Programme and with Swatch Bharat Awareness	Volunteers have given the task	23-10-2019
7.	Inauguration of Yoga & Meditation Centre	Yoga & Meditation Centre was inaugurated by Pro. Vice Chancellor	24-02-2019
8.	Used Batter Cell Collection Programme	This Programme was initiated by the volunteers and kept collection points in various schools	Regularly
9.	Various Individual Activities of the Volunteers	Volunteers individually participated many social activities	-do-

UNIVERSITY'S STAND AGAINST COVID-19

Several initiatives to rein in the swiftly escalating global health emergency

The deadly coronavirus spanned across the globe and impacted 29 states and union territories in India, leading to a total lockdown declared by the Prime Minister. Keeping in mind that the University campuses with their congregate surroundings are considered particularly susceptible to contagion, SRM AP announced a suspension of physical classes on 16th March 2020. This imposed a host of challenges to the management to think of alternative means of education for the benefit of students, who were experiencing unprecedented ripple effects pertaining to their academics.

Constitution of COVID-19 SOP Committee

From travel restrictions to national quarantines and self-isolation requirements, measures have been taken to ensure the safety of the students, staff and faculty in the time of a swiftly transforming global health emergency. Immediately after the declaration of national lockdown, the university management formed a COVID-19 SOP Committee. That committee constituted of reputed professors, doctor, administrative and technological support staff. The committee met time to time to

decide upon the strategy to fight COVID-19 on the campus. Following the Government circulars on COVID-19 and suggestions prescribed by the committee, various safety measures were taken such as- 1. restricted entry and exits to and from the campus. 2. Regular health check-ups. 3. Self-Quarantine facility on the campus. 4. Awareness Campaign to fight COVID-19 5. Guidelines on the operational procedures in the changed scenario.

Also, SRM AP has come forward to contribute to the Corona Virus Public Relief Fund. Please view the details here: https://srmap.edu.in/news/srm-ap-joins-covid-19-fight-with-a-donation-of-25-lakhs/. Furthermore, in lieu of the situation, The University decided to opt for Online Classes for the continuance of the academic developments of the students.

Technological innovation paved way for online classes

Responding to the disruption in academics, in less than a week SRM University-AP proactively joined what might be the world's largest remote learning experiment. Given its infrastructural adequacy and openness to new technology, SRM University-AP could come up with the online classes in a limited window of time. To minimize the adverse impact of the outbreak on the learning graph of the students, SRM University-AP collaborated with Zoom Platform where they hosted online classes to ensure that the academic progress of the students do not get compromised. Faculty members were trained for online polls, quizzes, and assignments to engage the students. Moreover, various LMS platforms - GSuite Classroom, Moodle, etc. were used by the faculty to share the reading materials with the students. SRM APdeveloped an exclusive helpdesk for faculty and students to reach out to, regarding any support regarding the online classes. Regular feedback was sought from students and faculty members to enhance the learning experience through online classes.

Collaboration of Faculty and Management

Quickly and proactively the management and the faculty community became adept at harnessing their technological expertise for managing virtual classrooms. It would be otherwise impossible to pull off this alternative pedagogy without rigorous and prompt action by faculty and staff members. The management took charge in preparing time-table, scheduling the online classes, and ensuring effective maintenance of the systems. Seeking to bridge the digital gap, the faculty ensured that students without access to internet bandwidth required to participate in live streaming classes or who are grappling with poor internet connections, are provided with lecture playbacks through the Zoom Platform.

DIGITAL PLATFORM ACTIVITIES

Online Classes & Research Support

In order to provide a consistent experience of digital learning, the University felt strong need of online education platforms to get connected with all students, faculty and externals

SRM University-AP evaluated various videoconferencing technology platforms - *Zoom, WebEx, Microsoft Teams, and Google Meet.*

After comparing various digital platforms, the University signed up with ***enterprise Zoom of exclusive 50 Host Licenses*** and initiated seamless online class delivery to all its students from day one of lock down, without loss of academic classes.

The University widely engaged with the external scholarly community hosting various online activities – Webinars, online workshops, virtual conferences using ***Zoom platform - Webinar and Large Meeting*** *Functionality of* ***3000 participants' capacity.***

Quick overview of online activities:

- Online classes – 11400+
- Webinars – Research / Academic Workshops – 200+
- Admissions Support E-Stalls – 700+
- Placement support Industry Ready Sessions – 100+

Digital Pads

- Faculty members are supported with exclusive digital pads & pens technology enabling new ways of online classroom teaching and boosting interactive sessions with students

Online Examination

- Online exam portals for various entrance exams of UG / PG / PHD were developed using ***Moodle platform*** *and supported the admissions process for* ***450+ candidates***
- Career Development Center's online exam for senior students **2500+** and First semester students of **1000+ were**conducted through *Moodle platform*
- University has signed up with ***DigiProctor- Online examination platform with proctoring facility*** and conducted End Semester exams for all students

Learning Management System

- *Google classroom were extensively used by the faculty to post the online course content, host quiz and assignment for online assessment on learning outcomes*
- Online Labs – video shoots were conducted for various lab sessions and facilitated the students online for enriched practical learning and understanding

Online Remote access to Database

University has coordination with INFLIBNET, and enabled Global Standard Shibboleth based access by setting up exclusive IDP server for SRMAP such that all the publishers to authenticate and provide remove access to databases

- Jstor
- MathScienet

Software

Facilitated the campus license software for

- Matlab
- Solid works
- Adobe cloud suite
- Deployed Urkund – Anti-Plagiarism system

Helpdesk Service:

- Conceptualized the process and rolled out ITKM helpdesk services as single point of IT services.
- Automated the helpdesk processes and Launched Manage Engine's Service Desk Ticketing system with 20 Technician Licenses to address all user queries and service requests with SLA standards.

The relentless effort and commitment of all the faculty members and staff to make this endeavour successful was apprehended, and students undoubtedly reaped the benefits.

This pandemic compelled to revolutionize the pedagogy to mitigate the challenges, which is also believed to shape the future of education. The University firmly believes that it will emerge as a more equipped educational system by the end of this pandemic.

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