



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC-AUTONOMOUS INSTITUTION)  
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi  
NAAC Accredited with A+ Grade, NIRF India Rankings 2021 - Band: 201-250 (Engg.)  
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA  
**Newsletter Report (Academic Year 2021-2022)**



### Patents filed

The list of faculties who have filed the patent in the month of Mar 2022 are listed below:

S.No	Name of the author/s	Date	Title of the Patent	National/International	Filed/Granted
1	Dr.Mahesh M	28/3/2022	A Power Management System And Method For Controlling The Power Supply To Electronic Devices	National	Filed
2	Mr.E.Sathiyarayanan	18/3/2022	Smart Tracking System for Self-Propelled Electric/Fuel Vehicle	National	Filed

### Awards

The list of faculties who have received the award/recognitions in the month of APR 2022 are listed below:

S.No.	Faculty Name	Date	AWARD/RECOGNITIONS	National/International
1	Dr . Remashan kariyadan	01-Apr-22	Topper in in the course titled "Solar Photovoltaics Principles - Technologies & Materials" conducted by NPTEL	National

## Paper Publications

The faculties who have published papers in various International Journals during the academic year 2021-2022 are listed below:

S.No.	Name of the author/s	Title of the paper	Name of journals/Book	VolumeNo/ Issue No/ Page No/ Month/Year	DOI/ISSN number	Publisher/ Indexing	Impact factor	Citati ons
<b>JOURNALS</b>								
1.	R Saha, Y Hirpara, S Hoque	Sensitivity Analysis on Dielectric Modulated Ge-source DMDG TFET Based Label-Free Biosensor	IEEE Transactions on Nano Technology	pp. 552-560 July - 2021	10.1109/TNAN O.20213093927 1536-125X	SCI	2.57	1
2.	Sumit Gupta	Design of non-mapping code in spectral and special domain with variable weight and OFDM system	Optical and Quantum Electronics	Vo. 1,pp.1-19 July-2021	<a href="https://doi.org/10.1007/s11082-021-03004-9">https://doi.org/10.1007/s11082-021-03004-9</a> 0306-8919	SCI	2.084	1
3.	Sharnil Pandya Patteti Krishna Ravi Shankar and Ankur Singh Bist	Examination of the fifth-generation vehicular simultaneous wireless information and power transfer cooperative non-orthogonal multiple access network in military scenarios considering time-varying and imperfect channel state information conditions	Journal of Defence Modelling and Simulation: Applications, Methodology, Technology	Vo. 1, pp. 1-15 Aug-2021	doi/10.1177/15485129211033040	Scopus	0.655 (SNIP)	0

4.	<a href="#">Ravi Shankar Patteti Krishna, Naraiah R</a>	Examination of the multiple-input multiple-output space-time block-code selective decode and forward relaying protocol over non-homogeneous fading channel conditions	Journal of Defence Modelling and Simulation: Applications, Methodology, Technology	Vol. 1, pp. 1-13 Sep- 2021	doi/10.1177/154851292110475981548-5129	Scopus	0.655(SNI P)	1
5.	<a href="#">Ravi Shankar, B K Sarojini, A Suresh Kumar, Rahul Neware, Ankur Singh Bist<sup>6</sup></a>	Impact of the learning rate and batch size on NOMA system using LSTM-based deep neural network	Journal of Defence Modelling and Simulation: Applications, Methodology, Technology	Oct.- 2021	<a href="https://doi.org/10.1177/15485129211049782">https://doi.org/10.1177/15485129211049782</a> 1548-5129	Scopus	0.655(SNI P)	1
6.	<a href="#">Shankar, R., Ramana, T.V., Singh, P., Gupta, S., Mehraj, H.</a>	Examination of the Non-Orthogonal Multiple Access System Using Long Short Memory Based Deep Neural Network	Journal of Mobile Multimedia	Vo. 18(2), pp. 451–474  Nov. 2021	<a href="https://doi.org/10.13052/jmm15504646.182141">https://doi.org/10.13052/jmm15504646.182141</a> 550-4654	Scopus	-	1
7.	Jyoti P. Patra, Bibhuti Bhusan Pradhan and Poonam Singh	A Low Complexity Optimal LMMSE Channel Estimator for OFDM System	Journal of Communication Software and System	Vol. 17, No. 4, pp. 321-325 Dec-2021	10.24138/jcoms-2021-0042 18456421	Croatian Communications and Information Society Scopus	1.04	0
8.	Shankar, R., Raghava Raman, V.V., Rane, K.P., Sarojini, B.K., Neware, R.	An Investigation of the MIMO Space Time Block Code Based Selective Decode and Forward Relaying Network over $\eta$ - $\mu$ Fading Channel Conditions	Journal of Telecommunications and Information Technology	1 , pp. 79–92  Jan. 2022	<a href="https://doi.org/10.26636/jtit.2022.150421">https://doi.org/10.26636/jtit.2022.150421</a>	Scopus	-	0

9.	Sumit Gupta, Aditya Goel	Design and analysis of three-dimensional m-sequence bipolar OCDMA spectral amplitude code	Optical and Quantum Electronics	Vol. 54, No.3, pp. 1-17 Jan-22	10.1007/s11082-022-03529-7	SCI	2.084	0
10.	J. Borah, S. Baruah, , T. A. Sheikh, , and S. Roy	Miniaturization and Optimization of FR4 Based CPW-fed Antenna for Multiband Applications	Radio electronics and Communications Systems	Vol. 64, No. 12, pp. 660–668 Feb-2022	Doi.org/10.3103/S07352727211200490735-2727	Scopus	0.51 (SNIP)	0
11.	S. Hussain	Resolution-Selective and Resolution-Adaptive 2 to 8-Bit Flash ADC for High-Speed Application-Independent	Journal of Circuits, Systems, and Computers	Vol. 31, No. 9 2250169 March -2022	DOI: 10.1142/S0218126622501699	SCI		0
12.	Smriti Baruah, Janmoni Borah, Joyatri Bora, Santanu Maity.	Optical modelling of a GaAs/GaSb core-shell cone-topped octagonal-faced nanopillar array with periodic trapezoidal textured cut for high photon trapping efficiency	Journal of Computational Electronics	June 2022	<a href="https://doi.org/10.1007/s10825-022-01898-6">https://doi.org/10.1007/s10825-022-01898-6</a>	SCI	1.983	0
13.	S. Rajkumar, K. Sathesh, Bayisa Taye Mulatu.	Chip Layout for Adaptive Line Enhancer Design using Adaptive Filtering Algorithms and Metrics Computation for Auscultation Signal Separation	Journal Of Beijing Institute Of Technology	Vol. 31, No.3, pp. 317-326 June-2022	doi: 10.15918/j.jbit10040579.2021.102 ISSN: 1004-0579	Editorial Department of Journal of Beijing Institute of Technology EI; Scopus	-	0
14.	Soumya Ranjan Mahapatra and Bidyadhar Subudhi	Disturbance rejection –based robust decentralized controller design for a multivariable system (Q:1)	Transection of the institute of Measurement and control	July 2022	DOI: 10.1177/01423312221114348	SCI		0

15.	Imaculate Rosaline, Arvind Kumar , Prashant Upadhyay, and Abu Hena Murshed	Four Element MIMO Antenna Systems with Decoupling Lines for High-Speed 5G Wireless Data Communication	International Journal of Antennas and Propagation	Vol. 2022 June 2022	doi.org/10.1155/2022/9078929	SCI	1.347	0
16.	Shilpi, Prateek Raj Gautam, Sunil Kumar and Arvind kumar	A Comparative Analysis of Distance-based Node Localization in Wireless Sensor Network		Oct-2021	DOI: 10.1109/SPIN52536.2021.9566136	IEEE Scopus		
17.	Dr. Velmani Ramasamy , Dr G Mohan Babu	Digital Signal Processing (Text Book)		2021				

**CONFERENCES**

18.	Thangasamy, V., Singh, I., & Sai, J.	Analysis of Capacity and Outage Probability for NOMA based Cellular Communication over Rician Fading Channel	2022 First International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)	Feb 2022 pp. 1-5	DOI: 10.1109/ICEEI CT53079.2022.9768575	IEEE Scopus		
19.	JN Swaminathan, Ramesh Kumar	Analysis of ECG signal processing for medical Technologies	6th International conference on Information and Communication Technology	2021		Springer Scopus		

## Workshop/Conference/Symposium/FDP Organized

The list of faculties who have organized workshop in the academic year 2021-2022 are listed as follows:

S.No	Date	Topic	Resource Person Name and Address	Organizer name
1	28/09/2021-29/09/2021	Modeling, Simulation, and Fabrication of Emerging Electron Devices and Circuits	1. Er. Anil Kumar Sharma (Managing Director, Impulse Technology) 2. Dr. Sandip Paul Choudhury (Assistant Professor, NIT Nagaland) 3. Dr. Aminul Islam (Associate Professor, Dept. of ECE, BIT Mesra)	Dr. Upendra Verma
2	29 <sup>th</sup> to 30 <sup>th</sup> Oct 2021	Emerging Trends in Electronics and Communication Engineering	Ritesh Kumar Mishra, NIT Patna B K sahana, NIT Patna Jayanta Ghosh ,NIT Patna	Dr. Pradush Ranjan Mahapatra
3	13 <sup>th</sup> to 17 <sup>th</sup> Oct 2021	Future Opportunities and Challenges in 5G Technology	Dr. Saif Khan Mohammed, IIT Delhi; Dr. Sudarshan Mukherjee, IIT Guwahati; Dr. Swaminathan Ramabadrana, EE, IIT Indore; Dr. Ferdous Ahmed Barbhuiya, IIITG; Dr. Sudip Biswas, IIIT Guwahati; Dr. Wasim Arif, NIT Silchar, Dr. Prabina Pattanayak, NIT Silchar, Dr. Surajit Kundu, NIT Sikkim, Dr. Özlem Tugfe Demir PDF, KTH Royal Institute of Technology.	Dr. Tasher Ali Sheikh
4	03 <sup>rd</sup> to 07 <sup>th</sup> Nov 2021	AI & ML with hands-on session using MATLAB	Mr. J. Prem kumar, Capricot Technology	Dr. Pradosh Ranjan Sahoo
5	25 <sup>th</sup> to 29 <sup>th</sup> Apr 2022	The Art of Patenting and Drafting	1. Dr. M. Kantha Babu, Ph.D, Director, Centre for Intellectual Property Rights (CIPR), College of Engineering Guindy 2. Mr. M. RaviSankar, Assistant Controller of Patents, Indian Patent Office, Chennai 3. Mr. Nettimi Satya Sai Srinivas, Director, ATRIEL India Private Limited, Trivandrum 4. Mr. Balaji .P, Advocate, Intellectual Property Practice	Dr. Mahesh M, Dr. Sambhudutta Nanda, Dr. Sankar Prasad Bag, Dr. Prashant Upadhyay, Dr. Upendra Kumar Verma, Ms. Smriti Baruah, Dr. Janmoni Borah, Dr. Sarfraz Hussain, Mr. G. Mahammed Rafi, Ms. S. Ayesha Tanveer,

			<p>Surana &amp; Surana International Attorneys, Chennai, India</p> <p>5. Ms. D. Sai Meera, Patent Agent, Intellectual Property Practice Surana &amp; Surana International Attorneys, Chennai, India</p> <p>6. Mr. Saumya Jain, Examiner of Patents &amp; Designs, Indian Patent Office, Kolkata</p>	<p>Ms. S. Chaitanaya Joythi, Mr.G.Mahammed Rafi</p>
6	Engineering Signal Processing and Communication Systems with FPGA	25.07.2022 - 29.07.2022	<p>Dr. M. Mahesh Dr. Sambhudutta Nanda</p>	<p>Dr. Satya Sai Srinivas, Director, ATRIEL India Private Limited, Karikal.</p>

## List of Guest Lectures and Seminars

The list of Guest lectures and seminars conducted in the academic year 2021-2022 along with the event details is mentioned in the table below:

Sl. No.	Name of event	Event date	Convener/ coordinator	Speaker details
1	Research: Fuel for Better carrier	05/10/2021	Dr. Soumya Ranjan Mahapatra	Dr. Durgesh Nandan, Senior Member IEEE, ( Assistant Professor), ECE, Symbiosis International University, Pune, Maharashtra)
2	Post-graduation in the domain of semiconductors and its career opportunities across Taiwan	19/02/2022	Dr. Pradush Ranjan Mahapatra	Mr. Manoj Kumar Reddy, (Alumni of Dept. of ECE, MITS, Pursuing Ph.D., Asia University, Taiwan)



## Faculty Development Program Attended

The list of faculties who have attended the faculty development programs in the academic year 2021-2022 are listed below:

S.No		Date		Topic	FDP/Workshop/ STC/Seminar/	Organization Name & Address
		From	To			
1.	Mrs.T.Puviyarasi .	13.10.21	17.10.21	Future Opportunities And Challenges In 5g Technology	STC	Mits, Madanapallae
2.		27.10.21	31.10.21	Emerging Topics On Instrumentation, Electronics And Communication	STC	Mits, Madanapallae
3.	Mr. T. Manivannan	13.10.21	17.10.21	Future Opportunities And Challenges In 5g Technology	STC	Mits, Madanapallae
4.		27.10.21	31.10.21	Emerging Topics On Instrumentation, Electronics And Communication	STC	Mits, Madanapallae
5.		08.10.21	12.10.21	Research Challenges, Opportunities In Smart Grid With Integration Of Electrical Vehicles	FDP	Vemu Institute Of Technology, P.Kothakota, Chittoor(Dt), A.P.
6.	Mr.V.PRAKASH Kumar	13.10.21	17.10.21	Future Opportunities And Challenges In 5g Technology	STC	Mits, Madanapallae
7.		27.10.21	31.10.21	Emerging Topics On Instrumentation, Electronics And Communication	STC	Mits, Madanapallae
8.		04.10.21	08.10.21	Smart Grid And Electric Vehicle	ATAL FDP	Sastra Deemed University, Srinivasa Ramanujan Centre, Kumbakonam,
9.		08.10.21	12.10.21	Research Challenges, Opportunities In Smart Grid With Integration Of Electrical Vehicles	FDP	Vemu Institute Of Technology, P.Kothakota, Chittoor(Dt), A.P.
10.	Mr.P.Murali	08.10.21	12.10.21	Research Challenges, Opportunities In Smart Grid With Integration Of Electrical Vehicles	FDP	Vemu Institute Of Technology, P.Kothakota, Chittoor(Dt), A.P.
11.		13.10.21	17.10.21	Future Opportunities And Challenges In 5g Technology	STC	Mits, Madanapallae

12.		27.10.21	31.10.21	Emerging Topics On Instrumentation, Electronics And Communication	STC	Mits, Madanapallae
13.	Dr. Tasher Ali Sheikh	25.10.21	30.10.21	Recent Advancement In Ai And Machine Learning	ATAL FDP	Dept. Of Cse, The Assam Kaziranga University, Assam
14.	Dr. Ravi Tiwari	13.10.21	17.10.21	Future Opportunities And Challenges In 5g Technology	STC	Mits, Madanapallae
15.	Dr Pradosh Ranjan Sahoo	04.10.21	08.10.21	Interdisciplinary Smart Application Of Internet Of Things, Cloud Computing And Data Analytics Technologies	ATAL FDP	Ggu (Central University), Raipur
16.		11.10.21	15.10.21	Mathematical Modelling And Controller Design For Non-Linear Process	ATAL FDP	Sree Vidyaniketan Engg. College, Tirupati
17.		29.10.21	30.10.21	Emerging Trends In Electronics And Communication Engineering	WORKSHOP	Mits, Madanapalle
18.	Mr. G.Mahammed Rafi	13.10.21	17.10.21	Future Opportunities And Challenges In 5g Technology	STC	Mits, Madanapallae
19.						
20.	Mr. Bhushan Vikas Mali	13.10.21	17.10.21	Future Opportunities And Challenges In 5g Technology	STC	Mits, Madanapallae
21.		27.10.21	31.10.21	Emerging Topics On Instrumentation, Electronics And Communication	STC	Mits, Madanapallae
22.	Dr Gajendra Sharma	13.10.21	17.10.21	Future Opportunities And Challenges In 5g Technology	STC	Mits, Madanapallae
23.		27.10.21	31.10.21	Emerging Topics On Instrumentation, Electronics And Communication	STC	Mits, Madanapallae
24.		29.10.21	30.10.21	Emerging Trends In Electronics And Communication Engineering	WORKSHOP	Mits, Madanapallae
25.		28.10.21	29.10.21	Modeling, Simulation, And Fabrication Of Emerging Electron Devices And Circuits	WORKSHOP	Mathworks
26.	Dr.Dheeren Ku Mahapatra	27.10.21	27.10.21	Signal Processing On Ramp	MATHWORKS ONLINE TRAINING	Mits, Madanapallae
27.	Mr. V.Navaneetha krishnan	13.10.21	17.10.21	Future Opportunities And Challenges In 5g Technology	STC	Mits, Madanapallae

28.	Dr.Velumani Ramasamy	13.10.21	17.10.21	Future Opportunities And Challenges In 5g Technology	STC	Mits, Madanapallae
		19.09.21	18.10.21	Internet Of Things	MASTER CLASS (30 DAYS)	Apssdc
29.	Mr.P.Murali	12.11.21	16.11.21	Emerging Trends In Area Of Data Science	ATAL FDP	Institute Of Engineering And Technology, Mjp Rohilkhand University
30.	Dr.Upendra Verma	22.11.21	26.11.21	Mathematical Foundation Of Machine Learning	ATAL FDP	Sree Buddha College Of Engineering
31.	Dr. Sourabh Paul	22.11.21	26.11.21	Mathematical Foundation Of Machine Learning	ATAL FDP	Sree Buddha College Of Engineering
32.	Mr. T. Manivannan	22.11.21	26.11.21	System On Chip Design And Testing	ATAL FDP	Indian Institute Of Information Technology, Tiruchirappalli
33.	Dr.Sambhudutta Nanda	23.11.21	27.11.21	Soft Computing And Its Application In Electromagnetics (Scae-2021)	ATAL FDP	Iiit Ranchi
34.		02.11.21	06.11.21	Signal Processing For Cognitive Neuroscience Applications	ATAL FDP	National Institute Of Technology, Meghalaya
35.		08.11.21	12.11.21	Internet Of Things(Iot)-2021	ATAL FDP	Punjabi University, Patiala.
36.	Dr.Ravi shankar	15.11.21	19.11.21	Online Elementary Fdp On "Modulation, Coding And Multiple Access Techniques For Wireless Communication And Storage"	ATAL FDP	Iit, Goa
37		22.11.21	26.11.21	Mathematical Foundation Of Machine Learning	ATAL FDP	Sree Buddha College Of Engineering
38	Mr.K.Sivakumar	22.11.21	26.11.21	Recent Advancements In Engineering And Technology	WORKSHOP	Regional College Of Education And Research Technology, Jaipur
39	Mr. V.Navaneetha krishann	22.11.21	26.11.21	System On Chip Design And Testing	ATAL FDP	Indian Institute Of Information Technology, Tiruchirappalli
40	Dr. Tasher Ali Sheikh	22.11.21	26.11.21	Innovative Industry Practices And Future Skills For Electronics And Computer Engineering Graduates	INTERNATIONAL SEMINAR	Dept. Of Eee, Adamas University West Bengal
41	Mr.J Anand	20.12.21	24.12.21	Robotics	FDP	AICTE Training And Learning Academy

42	Mr.V.Navaneethakrishnan	27.12.2021	31.12.2021	Research Methodologies and Software Tools in Research	FDP	Dr Sudhir Chandra Sur Institute Of Technology And Sports Complex
43	Mr.E. Sathiyarayanan	06.12.2021	10.12.2021	Power Electronics for Power Systems	FDP	AICTE Training And Learning Academy
44	Dr. Pradosh Ranjan Sahoo	13.12.2021	17.12.2021	Nonlinear systems: Dynamic and Control	FDP	AICTE Training And Learning Academy
45	Mr.G.Mahammed Rafi	06.12.21	10.12.21	IOT Applications	FDP	AICTE Training And Learning Academy
46	Mr. Bhushan Vikas Mali	20.12.21	24.12.21	6G wireless communication	FDP	AICTE Training And Learning Academy
47	Mr.V.Prakash Kumar	27.12.21	31.12.21	Electric & Hybrid Vehicle - Design, Integration and Challenges	FDP	AICTE Training and Learning Academy
48	Mr.K.Sivakumar	6.12.21	10.12.21	Effective Teaching and Research Skills in Science and Engineering	FDP	Regional College for Education Research & Technology, Jaipur
49		17.12.21	23.12.21	Recent Trends in IoT and its Applications	AICTE-ISTE FDP	The Kavery Engineering College, Salem
50	Dr.Sambhudutta Nanda	29.11.21	3.12.21	Recent Trends in Artificial Intelligence	FDP	AICTE Training and Learning Academy
51	Mrs.Chaithanya Jyothi YS	27.12.21	31.12.21	Research Methodologies and Software Tools in Research	FDP	Dr Sudhir Chandra Sur Institute of Technology And Sports Complex
52	Mr.P.Murali	6.12.21	10.12.21	IoT Applications	FDP	NITTTR,Bhopal
53	Dr.Prashant Upadhyay	13.12.21	17.12.21	Recent trends and challenges in Robotics and Automation	FDP	Manipal university,Jaipur
54	Dr.Veeraiyah Thangasamy	27.12.21	31.12.21	Research Methodologies and Software Tools in Research	FDP	Dr Sudhir Chandra Sur Institute of Technology And Sports Complex
55	Dr. Prashant Upadhyay	7/1/2022	11/1/2022	Advanced Semiconductor Material & Devices	FDP	VIT, Chennai
56	Dr. Prashant Upadhyay	3/2/2022	4/2/2022	Renewable Energy: Materials & Devices	Workshop	NITTTR Chandigarh
57		12/2/2022	16/2/2022	Workshop on Innovations in IoT for Emerging Applications	Workshop	IIITM, Gwalior
58	Dr.Sumit kumar gupta	7/2/2022	11/2/2022	Quantum Computing-Building Concepts	ATAL FDP	Amity Institute of Information Technology

59	Mr. Bhushan Mali	7/2/2022	11/2/2022	SCILAB and XCOS – FOSS Alternatives for MATLAB and SIMULINK	ATAL FDP	CMR Institute of Technology, Bengaluru.
60	Mr.K.Sivakumar	7/2/2022	11/2/2022	SCILAB and XCOS – FOSS Alternatives for MATLAB and SIMULINK	ATAL FDP	CMR Institute of Technology, Bengaluru
61		23/2/2022	25/2/2022	Effective Pedagogies in Teaching and Learning	FDP	Dhaanish Ahmed College of Engineering, Chennai.
62	Dr. T.Veeraiyah	20/2/2022	19/3/2022	Artificial Intelligence	Workshop	Pantech e Learning (APSSDC Approved)
63	Mr. Velumani M	14/3/2022	18/3/2022	Electronic Systems: Devices, IC & applications	ATAL FDP	Department of ECE, National Institute of Technology, Arunachal Pradesh
64	Mr. J. Anand	28/2/2022	4/3/2022	Control System and Sensor Technology	FDP	National Institute of Technical Teachers, Kolkata
65	Mr. T. Manivannan	28/2/2022	5/3/2022	"Emerging Advancement of Wireless Communication and Applications of Power Electronics in Smartgrid System"	FDP	Department of ECE & EEE Jeppiaar Institute of Technology, Chennai.
66	Mr. V.Prakash Kumar	28/2/2022	5/3/2022	"Emerging Advancement of Wireless Communication and Applications of Power Electronics in Smartgrid System"	FDP	Department of ECE & EEE Jeppiaar Institute of Technology, Chennai.
67	Mr.P.Murali	28/2/2022	5/3/2022	"Emerging Advancement of Wireless Communication and Applications of Power Electronics in Smartgrid System"	FDP	Department of ECE & EEE Jeppiaar Institute of Technology, Chennai.

## List of Faculties who have successfully completed Swayam NPTEL courses (Faculty Development Programme)

The faculties who have successfully completed Swayam NPTEL courses as faculty development programme during the academic year 2021-2022 are listed below:

S.No	Name of the Faculty	Name of the NPTEL Course	No. of Weeks	Marks %	Type of Certificate
1	Dr. Remashan Kariyadan	1. Solar Photovoltaics: Principles, Technologies & Materials	8	87	Elite+Silver
2	Dr. P. Ramanathan	1. Computer Networks and Internet Protocol	12	90	Elite+Gold
		2. Graph Theory	8	92	Elite+Gold
		3. The Joy of Computing using Python	12	93	Elite+Gold
		4. Programming Data Structures and Algorithms	12	83	Elite+Gold
3	Dr. Gajendra Sharma	1. Introduction to Programming in C	8	69	Elite
4	Dr. Veeraiyah Thangasamy	1. Problem solving through Programming in C	12	76	Elite+Silver
5	Dr. K. Sathesh	1. Enhancing Soft Skills and Personality	8	75	Elite+Silver
6	Dr. Jyoti Prasanna Patra	1. Evolution Of Air Interface Towards 5G	8	90	Elite+Gold

7	Dr. Sumit Gupta	1. Introduction to Internet of things	12	55	Successfully Completed
8	Dr. Prashant Upadhyay	1. Computer Architecture	12	81	Elite+Silver
9	Dr. Dheeren Ku Mahapatra	1. Python for Data Science	4	83	Elite+Silver
10	Dr. Ravi Shankar	1. Principles of Communication Systems – I	12	91	Elite+Gold
11	Dr. Sambhudutta Nanda	1. Python for Data Science	4	64	Elite
12	Dr. Velmani Ramasamy	1. Introduction to Internet of things	12	76	Elite+Silver
13	Dr. Rekib Uddin Ahmed	1. Analog IC Design	12	45	Successfully Completed
14	Dr. Sarfraz Hussain	1. CMOS Digital VLSI Design	8	77	Elite+Silver
15	Mr. T. Manivannan	1. Computer Architecture	12	60	Elite
16	Mr. J. Anand	1. Computer Architecture	12	53	Successfully Completed
17	Mr. G. Mahammed Rafi	1. Computer Architecture	12	81	Elite+Silver
18	Mr. V. Navaneetha Krishnan	1. Computer Architecture	12	69	Elite
19	Mr. Bhushan Vikas Mali	1. Computer Architecture	12	58	Successfully Completed

20	Mr. M. Vamsi Krishna	1. Computer Architecture	12	76	Elite+Silver
21	Mr. B. Subbarayudu	1. Soft Skill Development	8	60	Elite
22	Mr. V. Prakash Kumar	1. Computer Networks and Internet Protocol	12	57	Successfully Completed
23	Mr. E. Sathiyarayanan	1. NBA Accreditation and Teaching and learning in Engineering (NATE)	12	65	Elite
24	Mr. P. Murali	1. NBA Accreditation and Teaching and learning in Engineering (NATE)	12	72	Elite
25	Dr. Janmoni Borah	1. Fundamentals of MIMO wireless Communication	8	57	Successfully Completed
26	Ms. Smriti Baruah	1. Physics of Nanoscale devices	12	51	Successfully Completed



### **List of Faculties who are among top 1%/2%/5% in Swayam NPTEL courses (FDPs)**

The faculties who are among top 1%/2%/5% in Swayam NPTEL courses (Faculty Development Programme) during the academic year 2021-2022 are listed below:

<b>S.No.</b>	<b>Academic Year</b>	<b>Name of the Faculty Member</b>	<b>Name of the NPTEL Course</b>	<b>Topper (1 % / 2% / 5 %)</b>
1	July - Dec 2021	Dr. P Ramanathan	Multi Core Computer Architecture Storage and Interconnects - online	Topper of 2% in this course
2	July - Dec 2021	Dr. Jyoti Prasanna Patra	Principles of Modern CDMA/MIMO/OFDM Wireless Communications	Topper of 1% in this course
3	July - Dec 2021	Mr. P.Murali	System Design Through VERILOG	Topper in this course
4	July - Dec 2021	Dr. Sourabh Paul	Pattern Recognition and Application	Topper of 2% in this course
5	Jan - Apr 2022	Dr. P Ramanathan	Graph Theory	Topper of 2% in this course
6	Jan - Apr 2022	Dr. Remeshan Kariyadan	Solar Photovoltaics: Principles, Technologies & Materials	Topper in this course
7	Jan - Apr 2022	Dheeren Ku Mahapatra	Python for Data Science	Topper of 5% in this course
8	Jan - Apr 2022	Dr. Jyoti Prasanna Patra	Evolution of Air Interface Towards 5G	Topper of 2% in this course
9	Jan - Apr 2022	Dr. P Ramanathan	Computer Networks and Internet Protocol	Topper of 2% in this course
10	Jan - Apr 2022	Dr. P Ramanathan	The Joy of Computing using Python	Topper of 2% in this course
11	Jan - Apr 2022	Dr. PRASHANT UPADHYAY	Computer Architecture	Topper of 2% in this course

12	Jan - Apr 2022	Dr. VELMANI RAMASAMY	Introduction To Internet Of Things	Topper of 1% in this course
13	Jan - Apr 2022	Mr. MAHAMMED RAFI GANGUPALLI	Computer Architecture	Topper of 2% in this course
14	Jan - Apr 2022	Mr. V Vamsi Krishna Muvvala	Computer Architecture	Topper of 5% in this course

## List of Students who have successfully completed Mooc's Courses

The students who have successfully completed Swayam NPTEL courses during the academic year 2021-2022 are listed below:

<b>Academic Year</b>	<b>Year / Semester</b>	<b>Course Name</b>	<b>MOOCs Provider(s)</b>	<b>Weeks</b>	<b>No. of students appeared</b>	<b>No. of students Passed</b>	<b>Total</b>
Jul 2021 - Dec 2021	III/I	Soft Skills	NPTEL	12 Weeks	347	347	<b>794</b>
Jan 2022 - Mar 2022	III/I	Soft Skill and Development	NPTEL	08 Weeks	71	51	
Jul 2021 - Dec 2021	IV/I	Multi Core Computer Architecture	NPTEL	08 Weeks	144	144	
Jan 2022 - April 2022	III/II	Computer Architecture	NPTEL	12 Weeks	252	252	

## List of Students who are among top 1%/2%/5% in Swayam NPTEL courses

The faculties who are among top 1%/2%/5% in Swayam NPTEL courses (Faculty Development Programme) during the academic year 2021-2022 are listed below:

S.No.	Session	Name of the Student	Name of the NPTEL Course	Topper (1 % / 2% / 5 %)
1	July - Dec 2021	Yaddula Pavitra	Multi Core Computer Architecture Storage and Interconnects - online	Topper of 2% in this course
2	July - Dec 2021	Putluru Sudarshan Reddy	Multi Core Computer Architecture Storage and Interconnects - online	Topper of 5% in this course
3	July - Dec 2021	Yendapalli Mounika	Multi Core Computer Architecture Storage and Interconnects - online	Topper of 5% in this course
4	July - Dec 2021	Ramamurthy Manoj Kumar	Soft skills - online	Topper of 1% in this course
5	July - Dec 2021	Indireddy Srinivasula Reddy	Soft skills - online	Topper of 5% in this course
6	July - Dec 2021	Rayasam Saranya	Soft skills - online	Topper of 5% in this course
7	July - Dec 2021	Swathi Hk	Soft skills - online	Topper of 5% in this course
8	July - Dec 2021	V Ajithesh Chowdary	Soft skills - online	Topper of 5% in this course
9	July - Dec 2021	S Joshnavi	Soft skills - online	Topper of 5% in this course
10	July - Dec 2021	G Kavyasree	Soft skills - online	Topper of 5% in this course
11	Jan – April 2022	Madithati Sreedhar	Computer Architecture	Topper of 1% in this course
12	Jan – April 2022	Nagam Soma Sekhar Reddy	Computer Architecture	Topper of 1% in this course
13	Jan – April 2022	Subbannagari Pavan Kumar Reddy	Computer Architecture	Topper of 1% in this course
14	Jan – April 2022	Shaik Irfan Basha	Computer Architecture	Topper of 2% in this course
15	Jan – April 2022	U Sivasruthi	Computer Architecture	Topper of 2% in this course
16	Jan – April 2022	Murugan Sindhu	Computer Architecture	Topper of 5% in this course
17	Jan – April 2022	Narala Srinivasula Reddy	Computer Architecture	Topper of 5% in this course
18	Jan – April 2022	Bonala Praveen	Computer Architecture	Topper of 5% in this course
19	Jan – April 2022	Shaik Azamsha Madani	Computer Architecture	Topper of 5% in this course

20	Jan – April 2022	Shaik Mahammad Haneef	Computer Architecture	Topper of 5% in this course
21	Jan – April 2022	Sheik Mudassir Khalandar Baba	Computer Architecture	Topper of 5% in this course
22	Jan – April 2022	B Sreenivasulu	Computer Architecture	Topper of 5% in this course
23	Jan – April 2022	Gowducheruvu Thanmai	Computer Architecture	Topper of 5% in this course
24	Jan – April 2022	Kilari Sreenivas Prasad	Computer Architecture	Topper of 5% in this course

## Placement Details

The consolidated list of all the students placed in various reputed companies in the academic year 2021-2022 are given in the table below:

Sl no	Industry Name	Total Offered
1	Accenture	61
2	Brillio Technologies Private Limited	3
3	Capgemini Technology Services India Limited	6
4	COGNIZANT GenC	79
5	COGNIZANT GenC Elevate	15
6	COGNIZANT GenC Next	1
7	Efftronics	1
8	Envision Financial Systems India Pvt Ltd	2
9	EPAM Systems India Private Limited	1
10	Harman Connected Services Corporation India Pvt Ltd	2
11	HCL Technologies Ltd	84
12	Hexaware Technologies	8
13	Hyundai Mobis India Limited	2
14	IBM India Private Limited	4
15	Infobell IT Solutions Pvt Ltd	3
16	Infosys	6
17	Intellipaat	5
18	ITC Infotech India Limited	4
19	Jio Platforms Limited	1
20	Kaar Technologies	5
21	KNOWLEDGE LENS	8
22	KPIT Technologies Limited	7
23	Mindtree	6
24	Mphasis Limited	6
25	MSys Tech India Pvt Ltd	1
26	Netcracker Technology Solutions	1
27	Practo Technologies	1
28	Qspiders	5
29	Quest Global	4

30	Revature India	16
31	Sapiens	1
32	Societe Generale Global Solution Centre	4
33	Surya Tech Solutions	8
34	Synoriq R&D Pvt Ltd	2
35	TATA Technologies	1
36	TCS Digital	2
37	TCS Ninja	56
38	Tech Mahindra	11
39	Wiley-mthree	1
40	WinWire Technologies India Pvt Ltd	3
41	Wipro - Elite National Talent Hunt	220
42	Worksbot	12
43	Zensar Technologies	16