

Department of Engineering & Technology

Circular

Date: 28th January 17

This is to inform that Department of Engineering & Technology is going to organize a “*National Workshop on MATLAB and Latex: Indispensable tools for Research*” from 6-10 February 2017 at Seminar Hall, A- Block Chaksu Campus.

In this regard, I kindly request you to promote the event by providing the needful publicity amongst all the Teachers/ Faculty members to attend the programme without fail. The Brochure along with the Application Form is enclosed for your convenience.



Head

Faculty of Engineering & Technology

Copy for information to:

1. P.S.A. to VC
2. P.A. to Registrar
3. All Notice Boards
4. Library

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JAGANNATH UNIVERSITY, JAIPUR

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UGC Approved & NAAC Accredited
One Week National Workshop

On
LATEX and MATLAB:
Indispensable Tools for Research
(6th Feb 2017 to 10th Feb 2017)

REGISTRATION FORM

Full Name: _____
 Designation: _____
 Institution / Organization: _____
 Qualification: _____
 Mailing Address: _____
 Contact No: (M) _____
 Email: _____
 Accommodation Required : Yes/No
 (If yes, please pay additional INR 1250/-)
PAYMENT DETAILS:
 Bank Name: _____
 Amount _____
 DD No/Transaction ID: _____
 Date: _____
 Account Number (for NEFT): _____
 Remark: _____
 Date: _____

Signature of Applicant
NOTE: Scanned copy of filled registration form should be sent through email at workshop@jagannathuniversity.org Original copy of registration form will be required at the time of registration.

CHIEF PATRON

Dr. Amit Gupta
Chancellor, Jagannath University, Jaipur

PATRON

Prof. V. K. Agarwal
Vice Chancellor
Jagannath University, Jaipur

WORKSHOP Conveners

Prof. Vivek Kumar Sharma
Professor & Head,
Dept of Physical Sciences
9414443034, vivek.sharma@jagannathuniversity.org

Dr. Sandeep Kumar Poonia
Associate Professor & Head,
Engg. & Technology,
9461585353, sandeep.kumar@jagannathuniversity.org

WORKSHOP Co-Conveners

Mr. M.L.L. Saini
Mr. Gajendra Shrimal
Mr. Suraj Yadav

Website : www.jagannathuniversity.org/workshop
E-mail: workshop@jagannathuniversity.org



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One Week National Workshop

On

LaTeX and MATLAB:
Indispensable Tools for Research

(6th Feb 2017 to 10th Feb 2017)



Organized by
Department of Engineering and Technology,
Jagannath University, Jaipur-303901

Chaksu Campus: NH-12, Chaksu Bypass, Tonk Road, Jaipur
 Phone: +91-141-3020500, 3020555 Fax: +91-141-3020538
 E-mail: workshop@jagannathuniversity.org

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THE UNIVERSITY

Jagan Nath University has been established in the year 2008, by an Act (Act No. 19 of 2008) of the Rajasthan State Legislature and is approved under section 2(f) of UGC Act 1956 vested with the authority to award Degrees, Diplomas and Certificates. The University has been accredited with Grade 'B' (Good) by NAAC and is also a member of Association of Indian Universities. The university has the approval of various regulatory bodies, i.e. Bar Council of India (BCI), Council of Architecture (CoA), National Council of Teacher Education (NCTE) and Distance Education Bureau. The University offers various courses including B.Tech, M.Tech, BBA, MBA, BCA, MCA, BALLB, BALLB, LL.M, B.Sc.(Ag), B.Sc.(PCM), B.Arch., M.Plan., B.Ed. and Ph.D. Program. The University is making steady progress in developing and providing best technical environment for education and will continue to serve the nation in coming years.

WORKSHOP OVERVIEW

This workshop aims to provide a comprehensive theoretical and hands on practical experience on LaTeX and MATLAB to the research scholars so that they can perform research using these tools efficiently and easily.

LaTeX is widely used in academia preferably used for technical/scientific papers writing for journals by researchers, engineers and mathematicians at large. LaTeX can be used as a standalone document preparation system, or as an intermediate format. The typesetting system offers programmable desktop publishing features and extensive facilities for automating most aspects of typesetting and desktop publishing, including numbering and cross-referencing of tables and figures, chapter and section headings, the inclusion of graphics, page layout, indexing and bibliographies. MATLAB is a multi-paradigm numerical computing environment and fourth-generation programming language which is widely used in research analysis and computing.

The program has been developed with unique approaches to convey information more effectively and enable the visualization and application of these research tools.

COURSE CONTENT AND METHODOLOGY

- Latex Installation and Environment Setup
- Resume Writing and Report Writing
- Thesis Writing and Paper Writing
- Presentation Preparation
- Working with templates of Springer, Elsevier, IEEE etc.
- Working with Matrix Laboratory (MATLAB)
- Use of mathematical functions for linear algebra, statistics
- Use of visualization data and tools
- Application in iterative exploration and problem solving
- Application of Image acquisition and Processing Tool
- Real Time working Projects

Registration

Last date of registration : January 31, 2017

Registration Fees	Rs. 2000/-
Payment Mode	1. DD in favor of "Jaganath University, Jaipur" 2. Electronic Fund Transfer Bank Name & Address: ICICI Bank, Branch Chakras, Jaipur Account Name: JAGANNATH UNIVERSITY Account Number: 379901000069 Account Type: Saving Account IFSC Code: ICIC0003799 3. cash pay (for more detail please contact on 9461583353) Note: Please send transaction detail with transaction ID to workshop@jaganathuniversity.org

Note :- The Registration fee does not cover the accommodation and dinner. The hostel accommodation booking cost will be borne by the participants themselves. For more detail visit website

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Faculty of Engineering & Technology

A

Report on

'National Workshop on LATEX and MATLAB: Indispensable Tools for Research'

(6-10 Feb 2017)

A five day National Workshop on "LATEX and MATLAB: Indispensable Tools for Research" was organized by Faculty of Engineering & Technology held on 6-10th Feb 2017. The workshop schedule was divided into Ten Sessions:

- (i) **Session 1: 06 February 2017**
- (ii) **Session 2-4: 06 February 2017, 07 February 2017**
- (iii) **Session 5-7: 08 February 2017, 09 February 2017**
- (iv) **Session 8-10: 08 February 2017, 09 February 2017**

Purpose of the workshop

This workshop was aimed to provide a comprehensive theoretical and hands on practical experience on LaTeX and MATLAB to the research scholars so that they can perform research using these tools efficiently and easily.

LaTeX is widely used in academia preferably used for technical/scientific papers writing for journals by researchers, engineers and mathematicians at large. LaTeX can be used as a standalone document preparation system, or as an intermediate format. MATLAB is a multi-paradigm numerical computing environment and fourth-generation programming language which is widely used in research analysis and computing.


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Participants of the workshop

A total of 138 registrations were received from various streams like Engineering, Agriculture, Management etc. and 71 had attended the event. The students from various programs like Diploma, Graduate and Post Graduate have participated in this workshop.

Key Note Speakers:

- Dr. J.C. Bansal, SAU, New Delhi
- Dr. Mukesh Saraswat, IIIT Noida
- Dr. Harish Sharma, RTU Kota
- Dr. P.S. Rana, Thapar

Workshop Contents

Session 1: 06 February 2017

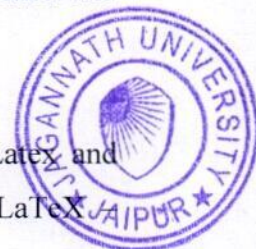
Dr. J.C. Bansal, SAU, New Delhi, started the Session 1, on 06 February 2017 in Moot Court by delivering his expert lecture on the topic 'How to Get Published'. Dr. J. C. Bansal shared his views and experience on research. He briefly discussed paper writing models and techniques to improve quality of research publications. Further he also discussed his view as author, reviewer and editor. His point of view for Do's and Don'ts while writing a research paper was the key point of his talk. The IMRD (Introduction, Methods & Materials, Results, and Discussion & Conclusions) model was also discussed.

Session 2-4: 06 February 2017, 07 February 2017

Dr. Mukesh Saraswat, IIIT Noida trained the participants theoretically and gave hand-on practice on the following topics: Working with Matrix Laboratory (MATLAB), Use of mathematical functions for linear algebra, statistics, Use of visualization data and tools, Application in iterative exploration and problem solving, Application of Image acquisition and Processing and Tool Real Time working Projects in B-001(Computer Lab).

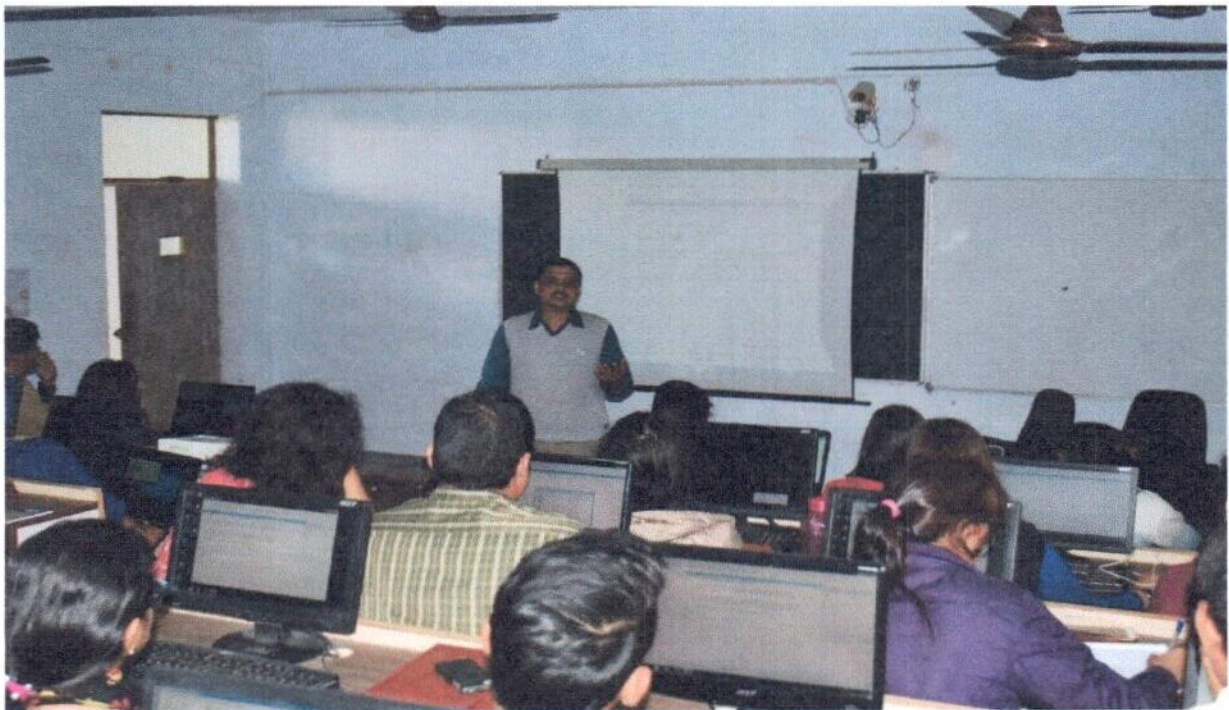
Session 5-7: 08 February 2017, 09 February 2017

Dr. Harish Sharma, RTU Kota gave the training to the participants to Install the LaTeX and Environment Setup. He also gave training on LaTeX - Research Paper Writing, LaTeX working with figures and tables.



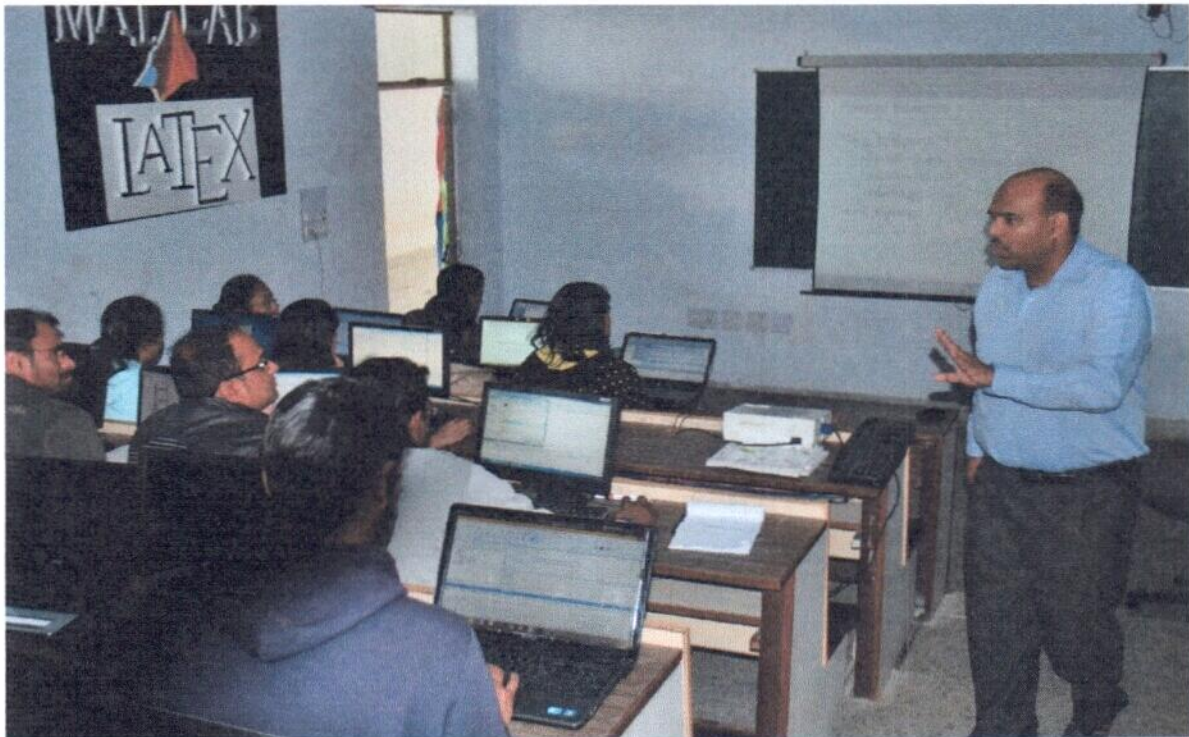
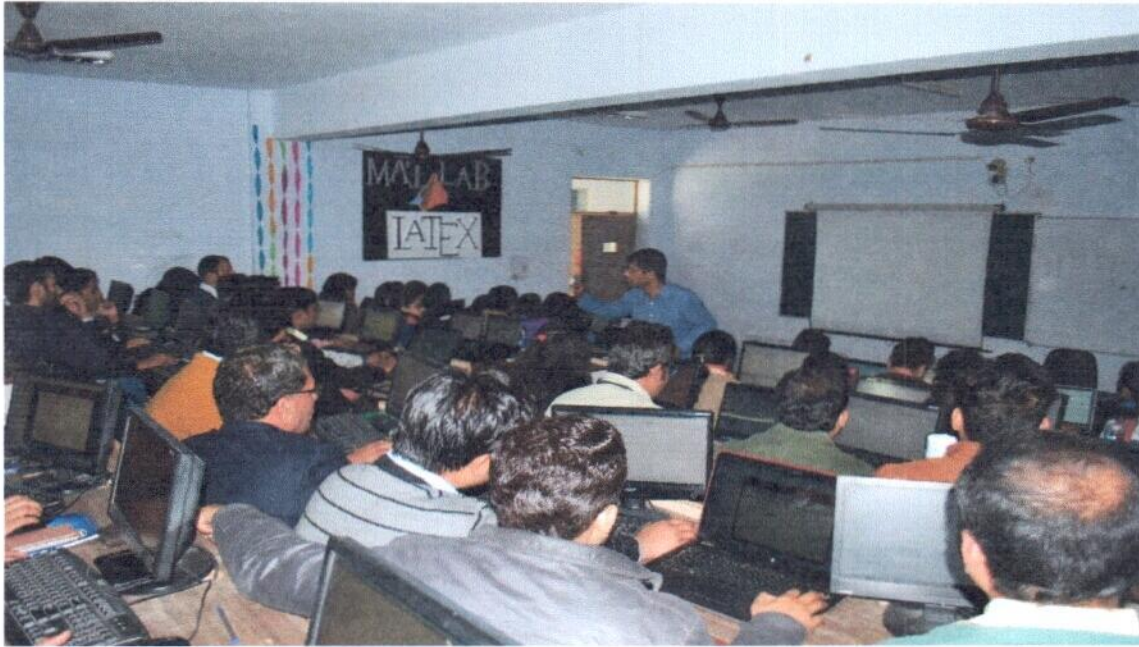
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Faculty of Engineering & Technology

One Week National Workshop on

“LaTeX and MATLAB : Indispensable Tools for Research”

(February 06 – 10, 2017)

Certificate

This is to certify that *Ms. Vaishali Singh*
of *St. Xavier's College, Jaipur* attended
One Week National Workshop on “LaTeX and MATLAB : Indispensable Tools for Research” during
February 06-10, 2017, organized by Faculty of Engineering & Technology held at JaganNath
University, Jaipur.

Vivek Sharma
Dr. Vivek Kumar Sharma
(Convener)

Dr. Sandeep Kumar
Dr. Sandeep Kumar
(Convener)

Dave
Dr. Meenu Dave
(Dean)

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Faculty of Engineering and Technology

Workshop on National Workshop on LATEX and MATLAB: Indispensable Tools for Research

[Feb. 6-10, 2017]

Attendance Sheet

SrNo	Name	Affiliation	Signature	Signature	Signature	Signature	Signature
1	Aditya Maheshwari	Jeecr University					
2	Akhilesh Dwivedi	Ph.D					
3	Amit Goswami	Jagannath University, Jaipur					
4	Anjali Yadav	Lingaya's Vidyapeeth, Faridabad - 121002, Haryana, India.					
5	Ankita Rani	JCDM College of Engineering					
6	Ankur Goyal	YAGYAVALKYA INSTITUTE OF TECHNOLOGY					
7	Anupama Jha	VSTIT, VIPS, GGSIP University, Delhi					
8	Anupama Munshi	Jagannath International Management School Kalkaji					
9	Anvaya Kini	Alva's Institute of Engineering and Technology, Moodbidri					
10	Arbind Kumar Modi	Jagan Nath University, Jaipur					
11	Archana Prasanna	Saintgits					
12	Anupama Mahajan	Sigma Institute of Engineering					
13	Arun Pillai	Jagannath International Management School					
14	Arunima Singh	JKR Mangalam University					

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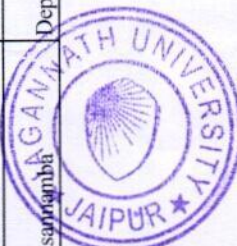
15	Ashik Hussain	Career Point University, Kota	Ashok	Ashok	Ashok	Ashok	
16	Ashok Pal	Chandigarh University					
17	Manoj Gupta	Rukmini Devi Institute of Advanced Studies; USIC&T, GGSIPU, India					
18	Maulik Ukani	Marwadi Education Foundation, Rajkot					
19	Bapurao Deshmukh	MGM Javaharlal Neharu College of Engineering aurangabad					
20	Barjesh Kochar	Vivekananda Institute of Professional Studies, Delhi					
21	Barkha Narang	Jagannath University					
22	Basu Dev Sharma	Kanoria College, Mukundgarh (Raj)					
23	Bhumija Chauhan	International School of Informatics and Management, Jaipur					
24	Bhupender Kumar Soam	Jagan Institute of Management Studies, New Delhi					
25	Choppala Anil Choppala	godavari institute of engineering and technology					
26	Devashish Kumar Singh	Jagannath University, Jaipur					
27	Devershi Pallavi Bhatt	Manipal University Jaipur					
28	Devesh Gautam	Career Point University, Kota					
29	Devesh Lowe	Jagan Institute of Management Studies					
30	Dhairya Vyas	Drashti Infotech					
31	Divya Mohan	Saintgits					
32	Divya Saxena	Jagannath University					
33	Dr Amit Kumar Chandanan	Hitkarini College of Engineering and technology, Jabalpur					
34	Dr Kvita	Jayoti Vidyapeeth Women's University, Jaipur					
35	Dr. P. P. Jakhhar	govt engineering college bikaner rajasthan					
36	Dr. Kavita Ahuja	Amal Jotmal Poddar BCA College					

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37	Dr. Kusum Sharma	National Institute of Technology-Uttarakhand							
38	Dr. Meenu Dave	Jagannath University							
39	Dr. S. S. Malik	Prabhudhan Degree College, Nangal Badi, Rajgarh							
40	Dr. Smita Mishra	RDIAS							
41	Dr. Vivek Sharma	jagannath university, jaipur							
42	Durgadevi M	Pondicherry Engineering College							
43	Gade Chandra Sekhar Reddy	Godavari Institute of Engineering and Technology							
44	Gajendra Shrimal	Jagannath University, Jaipur							
45	Gauri Jha	Amity Institute Of Information Technology, Amity University, Noida, Uttar Pradesh							
46	Geetha Guttikonda	VR SIDDHARTHA ENGINEERING COLLEGE							
47	Gillala Rekha	K L University, Hyderabad, Telangana, India							
48	Barjesh Kochar	Vivekananda Institute of Professional Studies, Delhi							
49	Gopal Sharma	Career Point University, Kota							
50	Deepi Goyal	Lingaya's Vidyapeeth, Faridabad - 121002, Haryana, India.							
51	Gourav Jha	Amity Institute of Information Technology, Amity University Noida, Uttar pardesh							
52	Gururaj HI	vidya vardhaka college of engineering, Mysuru							
53	Harshita Tuli	Sri Guru Tegh Bahadur Institute of Management and Technology							
54									
55	Hukum Chand Saini	Jagannath University, Jaipur							
56	JAGANDEESH Jyoti Prasadgambh	Government college of engineering, Dharmपुरai Department							



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58	Kakileti Sundar Dinakar	Godavari Institute of Engineering and Technology					
59	Kalpana R	Pondicherry engineering College					
60	Kampa Narendra Babu	GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY, RAJAHMUNDRY	(K N babu)	(K N babu)	(K N babu)	(K N babu)	(K N babu)
61	Kanishk Sharma	Jeecr University	Kanishk	Kanishk	Kanishk	Kanishk	Kanishk
62	Khyati Fatania	VVP Engineering College, Rajkot					
63	Lavanya Sharma	Amity Institute of Technology, Amity University, Uttar Pradesh, Noida, India					
64	Surendra Chauhan	pratap university jaipur	(S Chau)	(S Chau)	(S Chau)	(S Chau)	(S Chau)
65	Lilapati Waikhom	National Institute Of Technology, Arunachal Pradesh					
66	Luxmi Verma	Chitkara University	LN	LN	LN	LN	LN
67	M John Sreenivasa Rao	Godavari Institute of Engineering and Technology	(M John)	(M John)	(M John)	(M John)	(M John)
68	Mahima Sharma	Jeecr University	Manish	Manish	Manish	Manish	Manish
69	Manish Khandelwal	jagannath university, jaipur	Manish	Manish	Manish	Manish	Manish
70	Manisha Tripathi Choubey	Jagannath institute of management sciences					
71	Mankeshva Saini	Government Engineering College, Jhalawar					
72	Manoj Gupta	Rukmini Devi Institute of Advanced Studies; USIC&T, GGSIPU, India	manoj	manoj	manoj	manoj	manoj
73	Maulik Ukani	Marwadi Education Foundation, Rajkot	(M U)	(M U)	(M U)	(M U)	(M U)
74	Meenu Dave	Jagan Nath University, Jaipur, Rajasthan, India,					
75	Mini Arora	Chandigarh University	minika	minika	minika	minika	minika
76	Pratish Srivastava	Amity University (Lucknow Campus)	Pratish	Pratish	Pratish	Pratish	Pratish
77	Mihilesh Kumar Babey	Lovely Professional University	Amulya	Amulya	Amulya	Amulya	Amulya
78	Mr. Ankur Saxena	Jagannath University, Jaipur	Ankur	Ankur	Ankur	Ankur	Ankur

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79	Mr. Himanshu Joshi	Jagannath University, Jaipur						
80	Ms. Nidhi Naruka	Jagannath University, Jaipur	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi
81	Murali Krishna Patmala	Godavari Institute of Engineering & Technology (Autonomous), Rajahmundry						
82	NANDHA KUMAR P	Thanthai Periyar Government Institute of Technology, vellore						
83	Neha Bhatia	Jagannath University						
84	Nihar Roy	GD Goenka University	N Roy	N Roy	N Roy	N Roy	N Roy	N Roy
85	Nitesh Ahirrao	Maharashtra Institute of Technology, Aurangabad						
86	Nisha Wadhawan	Jagannath University						
87	Nishkarsh Bareja	Student (ADGITM, New Delhi)						
88	Shailly Sharma	Banshali Vidyapith	Sharma	Sharma	Sharma	Sharma	Sharma	Sharma
89	P. Elango	Thanthai periyar govt institute of technology Jagannath International Management School Vasant kunj						
90	Poonam Malik	Yeshwantrao Chavan College of Engineering, Nagpur.	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam
91	Poorva Datar	JIMS, VK	P Datar	P Datar	P Datar	P Datar	P Datar	P Datar
92	Prabjot Kaur	MLSU, Udaipur	P. Samby	P. Samby	P. Samby	P. Samby	P. Samby	P. Samby
93	PRAGYA SANKHLA	Jagannath University, Jaipur	Pramila	Pramila	Pramila	Pramila	Pramila	Pramila
94	Pramila Singh							
95	Rachana S	Alva's Institution of Engineering and Technology GOVERNMENT COLLEGE OF ENGINEERING, DHARMAPURI	Rachana	Rachana	Rachana	Rachana	Rachana	Rachana
96	RAGULKUMAR M	National Institute Of Technology, Arunachal Pradesh	Raghu	Raghu	Raghu	Raghu	Raghu	Raghu
97	Rajat Subhra Goswami	govt engineering college bikaner rajasthan	Raj Subhra	Raj Subhra	Raj Subhra	Raj Subhra	Raj Subhra	Raj Subhra
98	Rajendra Kukana	GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY, RAJAHMUNDY						
99	Ramjess Sakpal Mortha	VR/Sydhhartha Engineering College	Ramjess	Ramjess	Ramjess	Ramjess	Ramjess	Ramjess
	Rampya Paruchuri	Godavari Institute of Engineering and Technology(AIT)	Rampya	Rampya	Rampya	Rampya	Rampya	Rampya
	Rasmitha Garikipati							



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103	Ravi Patel	Shankersinh Vaghela Bapu Institute of Technology					
104	Renu Bagoria	Jagannath University, Jaipur					
105	S.HEMAMALINI	THANDHAI PERIYAR GOVT INSTITUTE OF TECHNOLOGY, VELLORE.					
106	Sandeep Kumar	Amity University Rajasthan, Jaipur					
107	Saniya Bahuguna	Chandigarh University					
108	Sanjivani C. Chakote	S.G.G.S I E & T Nanded					
109	Satyamurthy Nimmagadda	vrsec					
110	Seema Nihalani	Parul University					
111	Seema Rathee	GJUS&T, Hisar					
112	Shailee Bhatia	Vivekananda Institute of Professional Studies, Delhi					
113	Sheshang Degadwala	Sigma Institute of Engineering					
114	Shivani Rai	netaji subhash institute of technology , dwarka sector 3, new delhi					
115	Shweta Bhatia	Jagannath University, Jaipur					
116	Shiyama Kant Jha	netaji subhash institute of technology , dwarka sector 3, new delhi					
117	Sindhura Vemuri	VR Siddhartha Engineering College					
118	Sonal Gahlot	IGDTUW					
119	Sonal Gahlot	IGDTUW					
120	Sreenath N	Pondicherry Engineering College					
121	Sridharan Duraisamy	Anna university					
122	Sudhanshu Mathur	Jagannath University, Jaipur					
123	Suguna Ratnamala	Godavari Institute of Engineering and Technology(A)					
124	Kanishk Sharma	ecore University					



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126	Sukanya Madiwalar	Alva's Institution of Engineering and Technology					
127	Sumita Bansal	Chandigarh University	S. Bansal	S. Bansal	S. Bansal	S. Bansal	S. Bansal
128	Supriya Madan	VSIT, VIPS, GGSIP University, Delhi, India.	S. Madan	S. Madan	S. Madan	S. Madan	S. Madan
129	Suraj Yadav	Jagannath University, Jaipur	S. Yadav	S. Yadav	S. Yadav	S. Yadav	S. Yadav
130	Surapureddy Vamsi	Godavari Institute of Engineering and Technology					
131	Swapnil Kandala	Student (ADGITM, New Delhi)					
132	Monika Gupta	IITM, New Delhi					
133	Timsy Sardana	Jagan Institute of Management Studies	Timsy	Timsy	Timsy	Timsy	Timsy
134	Vanyashree Mardi	Alva's Institute of Engineering and Technology, Moodbidri					
135	Varun Sapra	Jagannath University					
136	Fatema Kathawala	K.J. Somaiya College of Engineering	Fatema K.	Fatema K.	Fatema K.	Fatema K.	Fatema K.
137	Vikrant Jha	amity institute of information technology, amity university noida, uttar pradesh, india					
138	Yuktee Ramteke	Yeshwantrao Chavan College of Engineering, Nagpur.	Yuktee	Yuktee	Yuktee	Yuktee	Yuktee



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