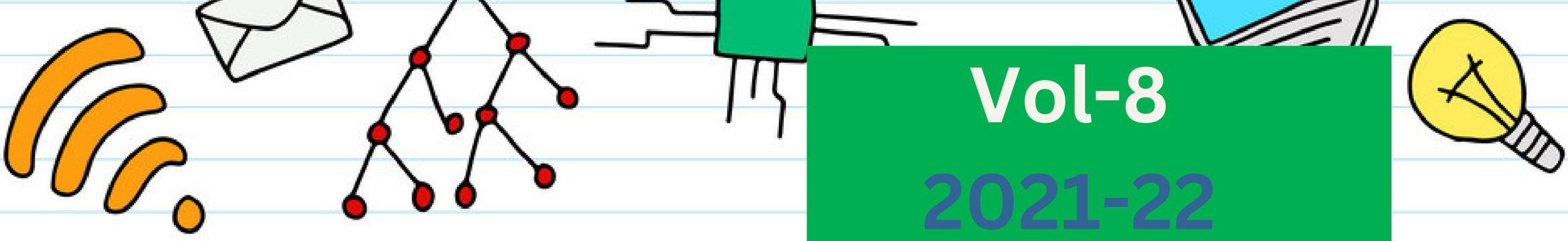
COMPUTER SCIENCE

01001011O



Vol-8

2021-22

Issue-03

Oct-Nov

THE Leaflet

Newsletter

Adobe Stock | #261018465

Principal's Message

Dear Parents and Students,

It is with great pleasure that I welcome you to our College (DIET) Newsletter. As Principal I am hugely impressed by the commitment of the college and the staff in providing an excellent all-round education for our students with our state of the art facilities. We, as a team working together, strongly promote the zeal towards academic achievement among our students. The cultural, sporting, and other successes of all our students and staff are also proudly celebrated together. I congratulate the staff and students who brought the latest technologies and concepts onto the day-to-day teaching-learning platform. As long as our ideas are expressed and thoughts kindled we can be sure of learning, as everything begins with an idea.

I appreciate every student who shared the joy of participation in co-curricular and extracurricular activities along with their commitment to the curriculum. That little extra we do is the icing on the cake. 'Do more than belong – participate. Do more than care – help. Do more than believing – practice. Do more than be fair – be kind. Do more than forgive – forget. Do more than dream – work.' With a long and rewarding history of achievement in education behind us, our DIET community continues to move forward together with confidence, pride, and enthusiasm. hope you enjoy your visit to the website and should you wish to contact us, please find details at the www.diet.ac.in

Yours in Education

Dr.Ravi Kadiyala

Principal

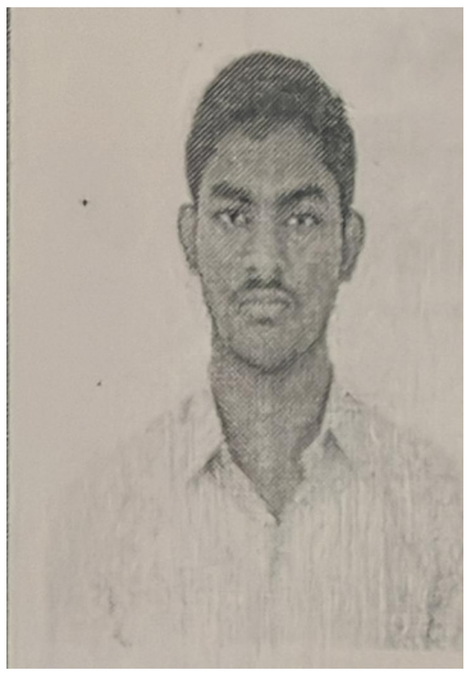
HOD'S MESSAGE

Dr. S. Suresh Professor & HOD, Computer Science and Engineering

It gives me a great pleasure to congratulate the staff and students of the Department of Computer Science and Engineering for the publication of the newsletter "Tech Vivids -Insights of CSE". This newsletter mirrors the professional and academic achievements of faculty and students which would lead them to the overall development of their personality in the globalised world. Our effort would definitely create an impact in the minds of readers, by providing larger visibility and dimension. "Perseverance will always lead to diligence", with this in mind the department aims at quality teaching by exploring divergent events. The department motivates the students to improve their knowledge by organizing and participating in various events. This is only a small step towards a long journey to achieve progress. On our way towards reaching the objectives we may have face numerous milestones. I hope "Tech Vivids- Insights of CSE" would enlighten us with hope, confidence and faith in the journey ahead I congratulate the editorial board for the publication of the newsletter.

STUDENT ACHIVMNTS

Mr.N.Jagadeesh, IV yr Student of CSE has published a research paper entitled " A NOVEL APPROACH FOR COVID-19 DEEP LEARNING-BASED SOCIAL DISTANCE MONITORING FRAMEWORK" in the UGC Care Group 1 Journal, ISSN: 2347-7180 Vol-0S Issue-14 No. 03: 2021 journal titled "Dogo Rangsang Research Journal".



N.Jagadeesh,
188T1A0596
IV cse

The below listed students placed more than 2 companies The Management, Director, Secretary, Principal,
HOD & faculty congratulated the selected candidates on their superlative achievement.

The software giant selected 58 candidates from the final year students of DIET till now for the Academic year 21-22.The Management, Director, Secretary, Principal, HOD &faculty congratulated the selected candidates on their superlative achievement.

S.NO	ROLL NO	NAME OF THE STUDENT	NAME OF THE COMPANY PLACED
1	188T1A0501	ABDUL AFROZ	MPHASIS ,TCS, WIPRO
2	188T1A0506	BADE NAVYA	TCS,WIPRO,IBM,VIRTUSA, MindTree
3	188T1A0511	CHIGILISETTY TANMAI	WIPRO,ZOHO Corporation
4	188T1A0512	DONEPUDI NAGA SAI DHARANI	WIPRO,Vistex
5	188T1A0513	GADE EESHWAK REDDY	WIPRO
6	188T1A0517	INKOLLU SAI KARTHIK	TCS,WIPRO
7	188T1A0519	JANNU SINDHUKA	TCS
8	188T1A0520	JASTI KAVYA	WIPRO
9	188T1A0521	KAMINENI PRAVARDHA	TCS,WIPRO,Mindtree
10	188T1A0527	KOTA LAKSHMI TULASI	TCS,WIPRO
11	188T1A0530	KUNDURTHY SAI SRIKAR	TCS
12	188T1A0531	LINGAMANENI NISHITHA	WIPRO
13	188T1A0532	MAHAMUDA KHATUN	WIPRO
14	188T1A0537	MUMMANENI LIKHITH	VIRTUSA,WIPRO
15	188T1A0539	Namburi Surya Varma	WIPRO
16	188T1A0542	NOOKALA YESHWANTH	WIPRO
17	188T1A0543	PALADUGU ROHITH	WIPRO
18	188T1A0547	RITIKAA TIWARI	MPHASIS ,WIPRO
19	188T1A0552	SUMAYYA FAKHEEN	WIPRO
20	188T1A0553	SUMAYYA KOWSAR	WIPRO
21	188T1A0554	SWATHI VEMULA	TCS
22	188T1A0557	VADDI AASRITHA	TCS,WIPRO
23	188T1A0559	YARLAGADDA GOPI SRI KRISHNA	TCS,INFOSYS HACKWITHINFY,VIRTUSA
24	188T1A0560	YENIGALLA JOTHSNA	TCS,WIPRO
25	188T1A0561	ADDEPALLI DIVYA ISHWARYA	APISERO
26	188T1A0562	ANNAM KOMALI RADHA SRI MOUNIKA	WIPRO,Mindtree
27	188T1A0563	BALLA BHARGAV SRIRAM	TCS
28	188T1A0566	DASINENI JAI SURENDRA	MPHASIS ,TCS,WIPRO
29	188T1A0567	DEVINENI KIRANMAYI	TCS,WIPRO
30	188T1A0570	GORRELA HARSHA SREE	WIPRO
31	188T1A0571	GUJJULA VAMSI KUMAR REDDY	MPHASIS ,TCS,WIPRO
32	188T1A0574	Kamya Sri Guvvala	WIPRO
33	188T1A0575	KANCHARLA BHAVYA	TCS DIGITAL,WIPRO,VIRTUSA

34	188T1A0579	KAPUDASI AVINASH	WIPRO
35	188T1A0580	KILLADA TEJA	WIPRO
36	188T1A0581	KOLLURI VENNELA	WIPRO
37	188T1A0582	KOTA GEETARDHA	MPHASIS ,TCS,WIPRO
38	188T1A0583	KUNTA BHARGAVI	WIPRO
39	188T1A0585	LUKKA VAMSI KRISHNA	WIPRO
40	188T1A0588	MALLELA BHOJA MADHURI SAI	TCS,ZOHO Corporation
41	188T1A0589	MANCHALA PUJITHA	WIPRO
42	188T1A0593	MONDEDDU DIVYASRI	MPHASIS ,TCS,WIPRO
43	188T1A0595	MUDDINENI DIVYA SREE	TCS,WIPRO
44	188T1A0596	NALLIBOINA JAGADEESH	VIRTUSA,WIPRO
45	188T1A05A0	RAVURI VASANTHI	TCS
46	188T1A05A1	SANAKA J PRADEESH	WIPRO
47	188T1A05A2	S.BABITHA	Mindtree
48	188T1A05A4	SENAGA ANUSHA	TCS,WIPRO,Mindtree
49	188T1A05A5	Shaik Areef	WIPRO
50	188T1A05A7	SUNKARA RAJYA LAKSHMI	WIPRO
51	188T1A05A9	VALLABHAPURAM SINDHU	TCS
52	188T1A05B2	Sri Bhavana Veeranki	WIPRO
53	188T1A05B4	VISWANATHAPALLI KALYAN	TCS,WIPRO
54	188T1A05B6	YADLAPATI OM SAI	MPHASIS ,WIPRO
55	188T1A05B7	SURI SAILAJA	TCS,WIPRO
56	198T5A0503	DUTTULURI GEETHIKA	MPHASIS
57	198T5A0510	Nakka Haran Raj	EOS
58	198T5A0511	SHAIK MASHUK RABBANI	WIPRO

STUDENTS ARTICLES

SCREEN LESS DISPLAY

This article discusses advent of the Screen less display which is an emerging new technology, has become a good prospect in the near future for a wide range of applications. As the name implies it deals with the display of several things without the use of screens using projector. It involves the following 3 different working principles. The Visual image, Virtual retinal display, Synaptic interface. This paper mainly illustrates and demonstrates how the screen less displays works and its applications in various fields of science. This technology would bring about the revolution in the field of displays and monitors that are costly, huge and are proven difficult to manage the power requirements and constraints. It is also the futuristic technological innovation.

Screen less display is the present evolving technology in the field of the computer-enhanced technologies. It is going to be the one of the greatest technological development in the coming future years [1]. Several patents are still working on this new emerging technology which can change the whole spectacular view of the screen less displays.

Screen less display technology has the main aim of displaying (or) transmitting the information without any help of the screen (or) the projector. Screen less displays have become a new rage of development for the next GEN-X. Screen less videos describe systems for transmitting visual information from a video source without the use of the screen.

THE WORKING PRINCIPLE

There are several new emerging ways for the technological development of the working principle of the screen less displays[4]. Several software's are merging for the GEN-X wonder view. Any computer system that can run the mudoc software can present text that has been set in interactive movable type. Most of the mudocs that are consumed in the next few years will be consumed with conventional personal computers, e-book readers, and other kinds of display and projection devices that are now in use. Very soon it appears to be a new kind of input/output system will facilitate communication and interaction between the computer and the computer user.

This new human/computer interface is the tele reader terminal. Visual Image is a bitmap manipulation and composition product. Bitmaps can be manipulated independently, in the Image Mode or multiple bitmaps can be composited Togethe in the Object Mode to create a "collage". Visual Image can create and Manipulate images of any size: the only limitation is the amount of memory resources your system has.

APPLICATIONS OF THE SCREENLESS DISPLAY

The main use of the screen less displays are used for the development of the mobile phones which are mainly used by the old and blind people as shown in figure 7. This type of the invention of the screen less displays was first done on the mobile phone named OWASYS 2CC. This model is very useful for the old, blind, and even for the people with less vision power. Application applied to mobile Technology Screen less displays technology is also implemented for the development of the screen less laptops. A laptop without an LCD can be a very useful portable solution when connected to CRT or fixed LCD monitors.

Laptops without screens would also be a green solution, giving value to donated CRT monitors that would otherwise be heading for landfills. Portability means that volunteers, who don't always have the time to travel to people's homes, can more easily maintain this computer. Screen less displays are also widely applicable in the field of the holograms projection.

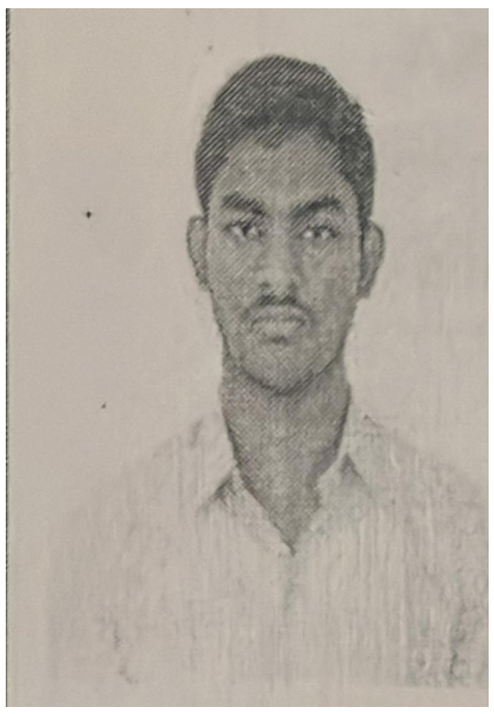
Hologram projection is a result of a technological innovation that truly helps in touch less holographic interfaces.

In fact, hologram projection projects 3D images of so high quality that it feels as if one can touch them. However, holographic projection is still to achieve mass acceptance as until now, conventional holograms, which offer 3D images.

Latest laser technology are also implementing the special technique of the screen less display through the presence of the several 3D scope animation or the screen provides the advantage of being combined with the Laser Valve Video

Projector that helps in projecting video images by the use of the laser light instead of the Xenon Arc lamps as depicted in figure 8. Laser technologies have given an edge over the other technologies as the LVP gives the projector an excellent depth in the focus.

Implemented in the emerging of the new screen less TV's. Imagine that watching the TV picture that seems to be magically appearing in the thin air. The picture just floats on in front of the viewer; this would be a latest emerging technology

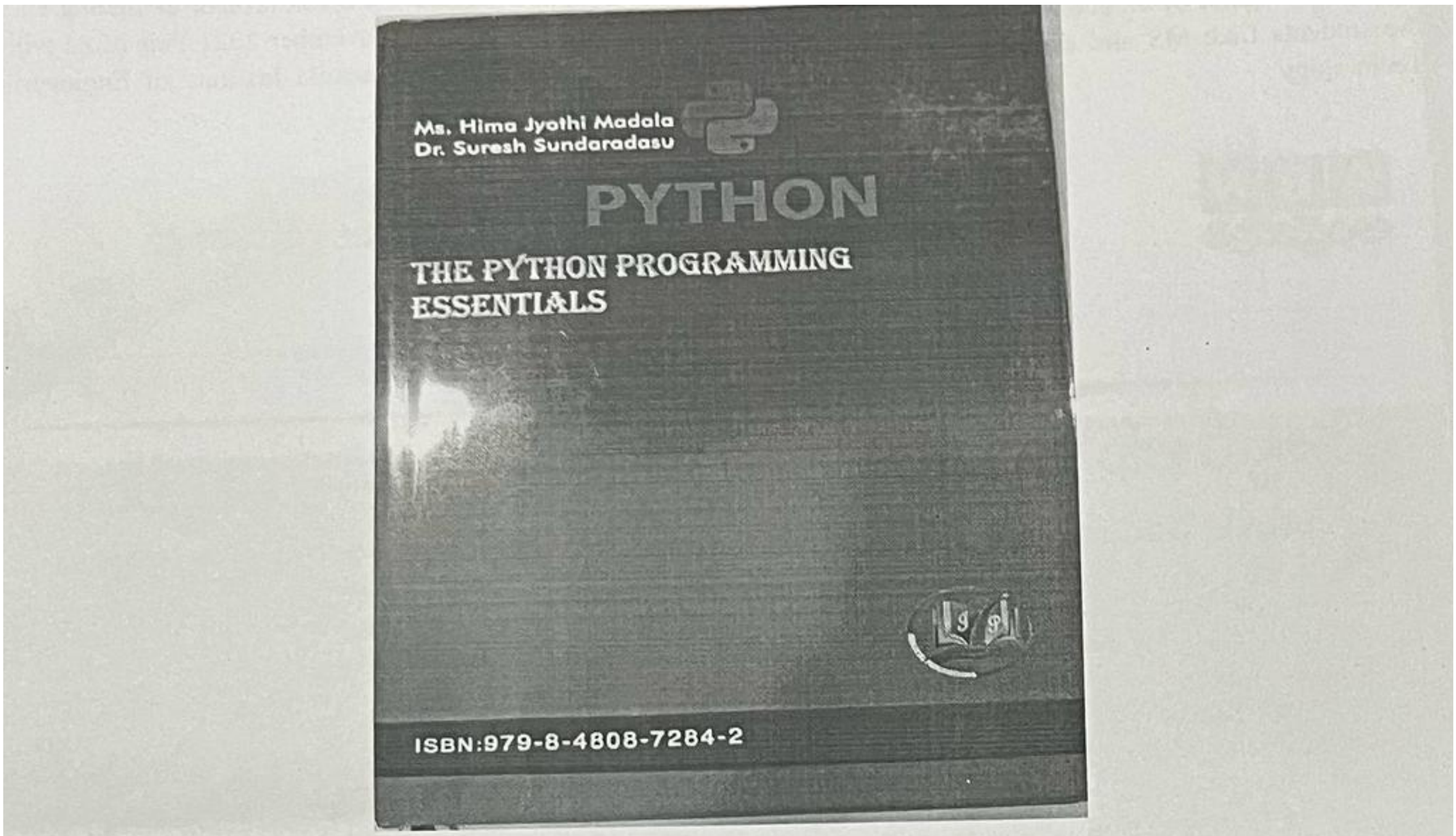


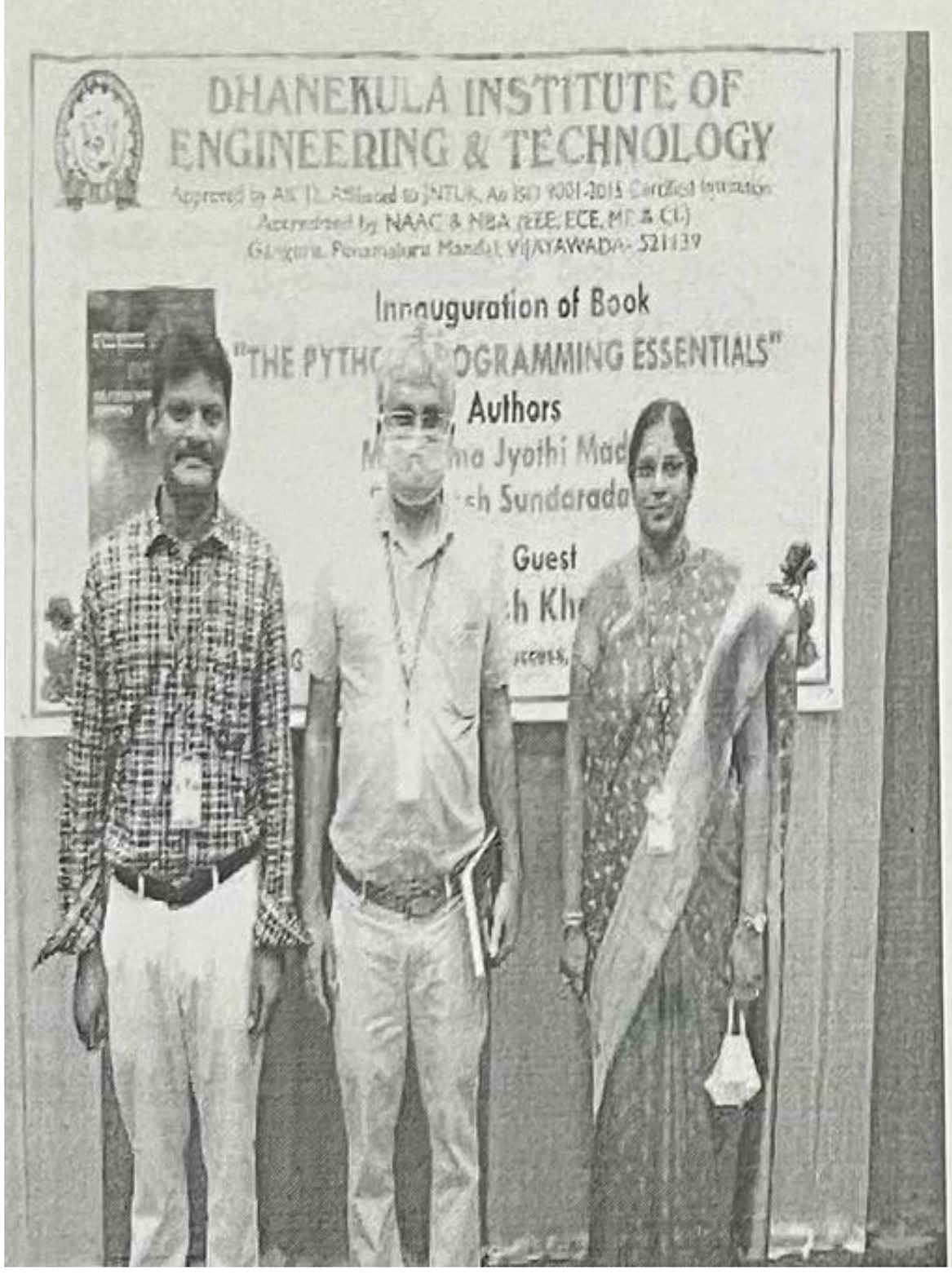
N.Jagadeesh,
188T1A0596
IV cse

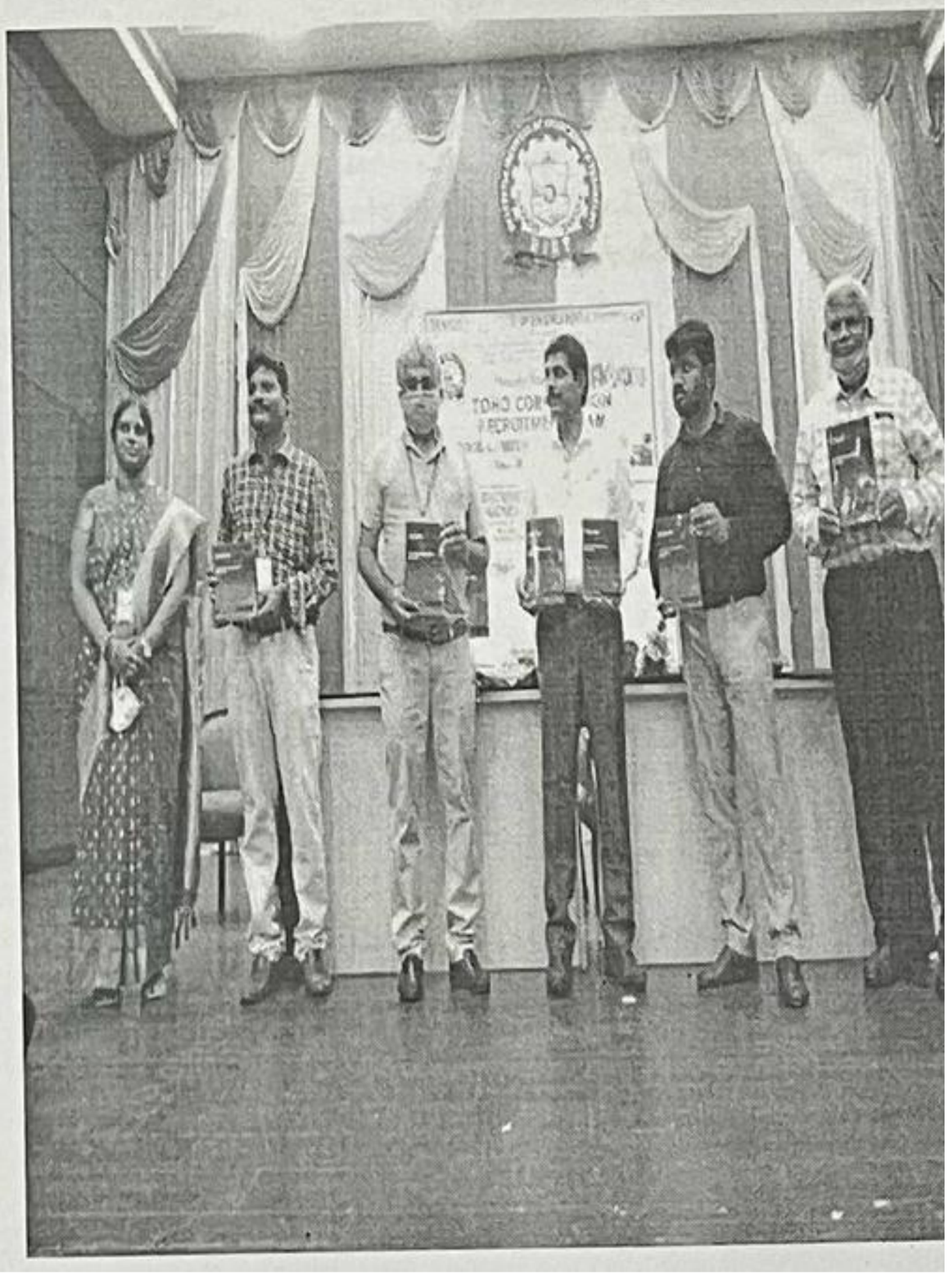
FACULTY ACHIEVMENTS

 V.Swathi, Asst.Prof., Dept.of CSE	It is proudly say that one of our Faculty Ms.V.Swathi working as Assistant professor in CSE Department has qualified in "ANDHRA PRADSH STATE ELIGIBILTY TEST FOR ASSISTANT PROFESSOR" conducted by ANDHRA UNIVERSITY behalf of Government of Andhra Pradesh.
 Dr.K.Prabhakar, Professor Dept.of CSE	It is proudly say that one of our Faculty Dr.K.Prabhakar working as professor in CSE Department has participated in "National Conference on Emerging Trends in Computer Science and Information Technology" Organized by Gopalan college of Engineering and Management and he received " First Best Paper Presentation award" all faculty and management appreciated him.
 P.Sunitha Asst.Prof, Dept.of CSE	Ms. Sunitha Pachala, Asst. Prof in CSE Department has published a research paper entitled " l –PEES-IMP: Light weight Proxy re-encryption-based identity management protocol for enhancing privacy over multi-cloud environment " in the SCIE journal titled "Automated Software Engineering" (Springer Nature) having impact Factor of 1.590"
 Ch.Padmini Asst.prof, Dept of CSE.	Ms.Padmini Chattu , Asst. Prof in CSE Department has published a research paper entitled "REMOVING ARTIFICATS IN EEG DATA BASED ON WAVELETS AND NEURAL NETWORKS" in the Scoups journal titled "Journal of Theoretical and applied information technology", having impact Factor of 1.50"

It is Happily say that of our HOD Dr.S.Suresh and Ms.Hima Jyothi have published text book entitled
"The Python Programming Essentials" on Python Programming. The book was published by Immortal Publications.







DIET @ NEWS

The Management of Dhanekula Institute of Engineering & Technology has a breakthrough in signing an MoU with the delegates of Silicon Andhra ,a California Based University, USA on 29th November 2021.This MoU will help the students Like MS and exchange of Faculty .It is Milestone in history of Dhanekula Institute of Engineering & Technology

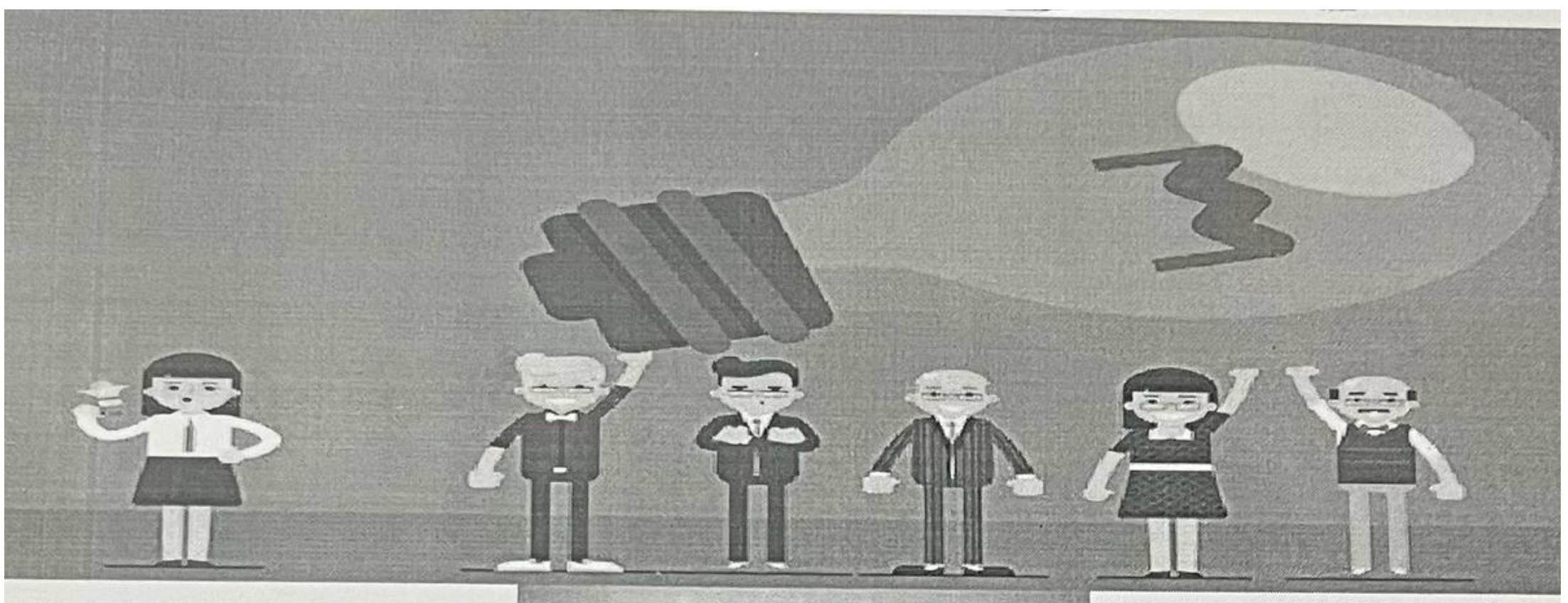
ABN ఆంధ్రజ్యోతి

విజయవాడ

వర్సిటీ ఆఫ్ సిలికానాంధ్రతో ధనేకుల కళాశాల ఒప్పందం

వర్సిటీ ఆఫ్ సిలికానాంధ్రతో కుదుర్చుకున్న ఒప్పంద పత్రాలను ప్రదర్శిస్తున్న ధనేకుల కళాశాల కార్యదర్శి భవానీ ప్రసాద్

కంకిపాడు, నవంబరు 29 : భారతీయ సంస్కృతిని పరిరక్షించాల్సిన బాధ్యతను నూతన విద్యావిధానంలో పొందుపరిచామని ఏపీసీటీఈ డీఏ కో-ఆర్డినేటింగ్ ఆఫీసర్ బుద్ధా చంద్రశేఖర్ అన్నారు. కాలిఫోర్నియాలోని వర్సిటీ ఆఫ్ సిలికానాంధ్రలో పీజీ ప్రవేశాల్లో కళాశాల విద్యార్థులకు ప్రాధాన్యత, విద్యార్థులు, అధ్యాపకులకు ఎక్స్ఛేంజి ప్రోగ్రామ్‌లకు అవకాశం కల్పించేలా గంగూరులోని ధనేకుల ఇనిస్టిట్యూట్ ఆఫ్ ఇంజనీరింగ్ అండ్ టెక్నాలజీ సోమవారం ఒప్పందం కుదుర్చుకుంది. కళాశాల కార్యదర్శి డీవీ భవానీ ప్రసాద్, వర్సిటీ ఆఫ్ సిలికానాంధ్ర అధ్యక్షుడు ఆనంద్ కూచిబొట్ల ఒప్పంద పత్రాలపై సంతకాలు చేశారు. ఏపీసీటీఈ డీఏ కో-ఆర్డినేటింగ్ ఆఫీసర్ బుద్ధా చంద్రశేఖర్ మాట్లాడుతూ వర్సిటీ ఆఫ్ సిలికానాంధ్ర కొత్తగా కంప్యూటర్ సైన్స్‌లో కూడా మాస్టర్స్ కోర్సు తీసుకొస్తున్నామన్నారు. అమెరికా వెళ్లి చదువుకోవాలనుకునేవారికి, పెద్దలకు మోటివేషన్ కల్పించేలా వర్సిటీ సహకరిస్తుందన్నారు. ఒప్పందం ప్రకారం తమ కళాశాల విద్యార్థులకు పీజీ ప్రవేశాల్లో ప్రాధాన్యత ఉంటుందని డైరెక్టర్ రవిప్రసాద్ అన్నారు.



You Can Also Send Your Articles
For Future Issues Through Mail

Mail ID :- csedhanekula@gmail.com

Technical Review Committee

Dr.S.Suresh HOD& Professor,

Dr.A.Srinivasa Rao, Professor

Editorial & Design Team:

Faculty: Ms.P.Sunitha, Asst.Prof

Student Coordinators :

N.Yeshwanth , G.Krishna Sai , K.Lakshmi Tulasi , K.Dhanunjay Raju