

ANDHRA



UNIVERSITY

Internal Quality Assurance Cell  
Presents

సమాచారం

**SAMACHAAR**

समाचार

(Informative Quadrant & Assessment Communique)

VOLUME 1

1<sup>ST</sup> APRIL 2021 – 30<sup>TH</sup> JUNE 2021

ISSUE 2



**Babu Jagjivan Ram Birthday Celebrations**

**Dr.B.R.Ambedkar Birthday Celebrations**

**Hello AU fraternity!!!** This quarter started with the birthday celebrations of Dr. Babu Jagjivan Ram and Dr.B.R.Ambedkar in a grand mode. One Week long 131<sup>st</sup> birthday celebrations of Dr.B.R.Ambedkar were conducted in all the constituent colleges of Andhra University by conducting Essay writing Competitions, workshops and webinars during this week.

This is the second issue of **SAMACHAAR** for the period 1<sup>st</sup> April 2021 to 30<sup>th</sup> June 2021. I am happy to share that the first issue was officially launched by our Honorable Vice Chancellor Prof.P.V.G.D Prasad Reddy and our beloved Registrar Prof.V.Krishna Mohan garu. The first issue is available online in our Andhra University website under REPORTS tab and henceforth all the issues of **SAMACHAAR** will be posted in our website. I once again request all the respected Principals, Heads of the departments and faculty to upload the monthly data to Governors Portal so as to enable the office of IQAC, Andhra University to consolidate the data and present it in **SAMACHAAR**. I sincerely seek the support of all our AU fraternity in continuing the online newsletter **SAMACHAAR**.



**SEMINARS/CONFERENCES/WORKSHOPS(webinars) CONDUCTED:** The following is the list of webinars conducted by all the constituent colleges of AU during 1<sup>st</sup> April 2021 to 30<sup>th</sup> June 2021:

**AU College of Arts, Commerce & Management: (01)**

1)	Dr.Durgabai Deshmukh Centre for Women's Studies has organized a National webinar on "Assessing the Awareness Levels of the Pandemic COVID - 19 in the Villages of Selected Mandals in Srikakulam and Visakhapatnam Districts of Andhra Pradesh : A Gender Perspective"	May, 1 <sup>st</sup> ,2021
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**AU College of Pharmaceutical Sciences: (01)**

2)	National Webinar Series- IPAT-2021	April, 30th, 2021
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**Dr.B.R.Ambedkar College of Law : (04)**

3)	"Life and Ideology of Dr.B.R.Ambedkar"	April 14th 2021
4)	Special Lecture on Law and Environment	June 11th 2021
5)	One week Start-Up Program "HELM" in association with Heartful Campus	14th to 19th June 2021
6)	Online training program by Heartfulness Institute on the occasion of International Yoga Day	21st June 2021

**AU College of Engineering(A) (20):** General Interest Topics Avenue(GITA), an online Tech platform started by the Faculty and students of AUCE(A) is continuously conducting motivational and technical expert talks weekly under the Chairmanship of Prof.Peri Srinivasa Rao, Principal, AUCE(A), and Prof.Mallikarjuna Rao as Mentor. As part of week long 131st birth anniversary celebrations of Dr.B.R.Ambedkar, AUCE(A) has conducted webinars and essay writing competitions.

**Dept. of Electrical Engineering:** The department of Electrical Engineering has conducted various webinars throughout the period to the students. Several COO's, CEO's, Directors and reputed Alumni were the Speakers for the Webinars. A few webinars are listed below:

7)	Clean Energy for Livelihood and Decarbonize Agriculture	April, 03rd, 2021
8)	Growth for Generations	April, 08th, 2021
9)	Importance of the Data in The Industry	April, 10th, 2021
10)	Don't Fail to Try Journey Towards My Passion	April, 14th, 2021
11)	Introduction to Deep Submicron VLSI Design	April, 16th, 2021
12)	BitCoin, Block chain and Its Future	April, 20th, 2021
13)	DevOps: Development & Operations	April, 27th, 2021
14)	Significance of AI/ML in Modern IT Industry	May, 01st, 2021
15)	Reduction of Energy Losses in Power Sector - Measures to be Taken	May, 05th, 2021
16)	Micro Services Architecture	May, 11th, 2021
17)	The Road Ahead for Electric Vehicles	May, 14th, 2021
18)	Overview of The IT Services Industry	May, 15th, 2021
19)	EE Challenges and Opportunities - Perspective from Semiconductor Industry	May, 18th, 2021
20)	Nike Supply Chain Management	May, 25th, 2021
21)	Career Prospects for Electrical Engineering Graduates in VLSI	June, 01st, 2021
22)	A Presentation on Railway Electrification Working Practices	June, 04th, 2021
23)	Power System Protection Challenges and Possible Technologies for Networks Connected with Renewables Power Plants	June, 14th, 2021
24)	Thriving In The Digital VUCA World	June, 16th, 2021
25)	Linux Graphics As A Career for Electrical Graduates	June, 26th, 2021
26)	My Journey to Google and All About Google Cloud	June, 26th, 2021

**AU College of Engineering For Women (01):** As part of Week long 131<sup>st</sup> birth anniversary celebrations of Dr.B.R.Ambedkar, AUCEW has conducted webinars and essay writing competitions.

**IQAC, AU in association with DPIIT-IPR Chair,** AU has conducted a one day workshop on "Importance of IPR in Academia" as part of its Quality initiative for the students and staff.

## **AU Rank by Education World(EW):**

Like every year, the EW has released the national rankings and state-wise rankings of top public and private universities. Here are top universities in Andhra Pradesh for the year 2021-2022 ranked by Education World (EW).

### **Andhra Pradesh Top - Ranked Government Universities 2021-2022**

1. Andhra University, Visakhapatnam
2. Sri Venkateswara University, Tirupati
3. Sri Padmavati Mahila Vishwavidyalayam, Tirupati
4. Jawaharlal Nehru Technological University, Kakinada
5. Sri Krishnadevaraya University, Anantapur
6. National Sanskrit University, Tirupati
7. Krishna University, Machilipatnam



Hon'ble Vice Chancellor has inaugurated Dr.B.R.Ambedkar Assembly Hall on April 14<sup>th</sup> 2021. This hall is fully renovated with A/C, toilets and furniture under RUSA. Respected Rector, Principals, Registrar, EC members and faculty participated in this event.

Prof.S.Sumitra, Principal, Dr.B.R.Ambedkar College of Law, along with the faculty met Sri M.Venkayya Naidu, the Honorable Vice President of India to present Platinum Jubilee memento as a token of gratitude for addressing the alumni and students on 28th June, 2021.





<b>Faculty Recognition/Awards:</b> Several Faculty have been awarded with various Prestigious awards and Recognitions at both State and National Level as given below:			
<b>S.No</b>	<b>Name of the faculty</b>	<b>Dept/College</b>	<b>Recognition / Award Received</b>
1	Prof.T.Byragi Reddy	Environmental Sciences, AUCST	Member; State Level Environment Impact Assessment Authority, AP.
2	Prof.G.V.R.Srinivasa Rao	Civil Engineering	Chairman; Stat Level Expert Appraisal Committee (SEAC)
3	Prof.U.Shameem	Zoology	Member ; Stat Level Expert Appraisal Committee (SEAC)
4	Prof. K. Rama Sudha	Electrical Engineering, AUCE(A)	Nominated as Nodal officer for information system audit and for village secretariat and ward secretariat
5	Prof.D.Lalitha Bhaskari	Computer Science and Systems Engineering	Nominated as Member committee for CSI at Visakhapatnam chapter level.
6	Dr.K. Padma Asst. Professor,	Electrical Engineering, AUCE(A)	Best Woman Faculty Award
7	Dr. S. Jhansi Rani, Asst. Professor,	Computer Science and Systems Engineering	Best Woman Editor Award in 2021 by Society for Learning Technologies Conferred I2OR National Eminent Researcher Award in 2020"
8	Dr. A. M. Sowjanya, Asst. Professor,	Computer Science and Systems Engineering	Best Women Researcher Award - 2021, Society for Learning Technologies

#### **Faculty as Resource persons:**

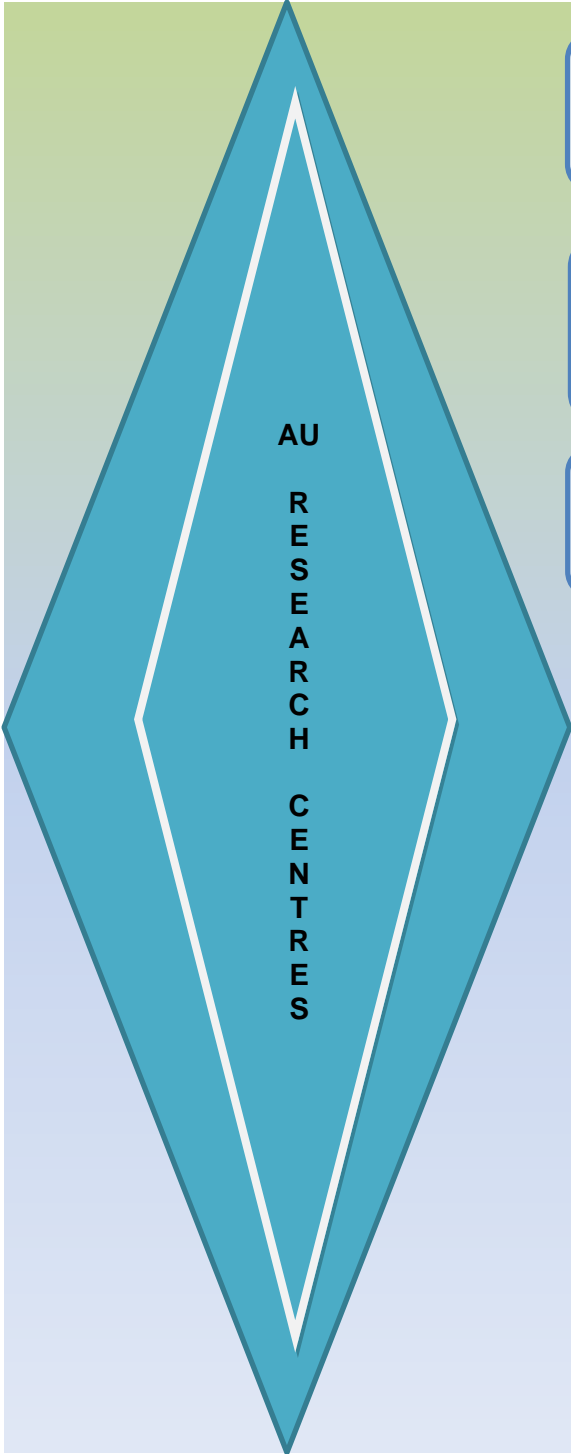
- 1) As Chairperson of District Level Complaints Committee Dr.P.Usha, i/c Director,CWS was Resource person for the Awareness Programme on Sexual Harassment of Women at work place under Prevention, Prohibition and Redressal Act 2013 for the members of Internal Complaints Committee (ICC) of various departments of Visakhapatnam district held at District Collectors office.
- 2) Several Faculty have delivered their expert talks in various National and International webinars.

#### **Number of Ph.D's/M.Phils awarded during this period:**

<b>Sl.No</b>	<b>Name of the College</b>	<b>Ph.D. Awarded</b>	<b>M.Phil. Awarded</b>
01.	College of Arts & Commerce	22	01
02.	College of Science & Technology	16	01
03.	College of Engineering(A)	09	--
04.	College of Pharmaceutical Sciences	05	--
05.	Dr.B.R.Ambedkar College of Law	02	--
<b>Total :</b>		<b>54</b>	<b>02</b>

**MoU's Inked between Andhra University and the parties during April 2021 – June 2021**

1	Intellectual Property Talent Search Examination Academy (ITPSE ) on June 14 <sup>th</sup> , 2021 to promote IP Culture in the state.
2	A.P Pollution Control Board and Municipal Corporation of Visakhapatnam, Vizianagaram and Rajamahendravaram Under the National Clean Air Programme(NCAP),Govt. of India to formulate specific interventions and action plans implementation. AU will be the technical partner.



**AERC**

Reports submitted on the Extent of Erosion into farm profitability due to market imperfections in Andhra Pradesh and Village study of Abbavaram Village (Cudappa District) Andhra Pradesh .

**CSSE&IP**

Published an edited volume on Empowering the Marginalized Communities: From Theory to Praxis with ISBN No. 978-93-88106-16-0, published by Prudhvi Publishers.

This Centre has completed 2 research studies on welfare schemes of AP and 6 ongoing research studies on implementation of welfare schemes

**Population Research Centre**

PRC has submitted a report on "Population Projections of Amaravati Capital City Area" to the Amaravati Metropolitan Region Development Authority, Vijayawada, Andhra Pradesh during the quarter of April – June, 2021

**Dr.Durgabai Deshmukh Centre for women studies:**

- 1)Issues and Challenges of Deserted women who are seeking Divorce from family court of Visakhapatnam: A Study
- 2) Socio-economic conditions and Social Inclusion of Burmese women repartriates in the city of Visakhapatnam: A Study

**Delta Studies**

Investigation to identify areas of subsidence if any, due to the exploration and exploitation of petroleum hydrocarbons in the deltaic area of KG-PG Basin Using SAR

**Computer Centre**

Prof. Rama Sudha as Director, AUCC has conducted training programme for CAO Staff on e-office for three days.

**AU-APSSDC, COE**

During May, 2021 to June, 2021 a total of 08 Online Internship programmes were conducted in the domains of automation, CAD, CNC and Electrical Engineerings. A total of 461 students were trained each for a duration of 50 hours under the training of APSSDC trainers and Prof.Mallikarjuna Rao.

<b>Patents filed/published/Granted by the faculty :</b>			
<b>S.No</b>	<b>Name of the faculty &amp; Department</b>	<b>Patent Title and Application No.</b>	<b>Status</b>
1.	Prof.G Sasibhushana Rao Dept of Electronics & Communications Engineering , AUCE(A)	A Reconfigurable quad-band antenna device for wireless communication”, Australasian Government. <b>2021101248</b>	Granted on 21/04/2021
2.	Prof.G Sasibhushana Rao Dept of Electronics & Communications Engineering, AUCE(A)	Multi-Band Reconfigurable and Flexible Antenna, <b>202141024318 A</b>	Filed on 11-06-2021
3.	Prof.Rama Sudha Kasibhatla, Dr.Vijaya Santhi Rajamahanthi & Ms.Venkat Pankaj lahari Molleti Dept of Electrical Engineering, AUCE(A)	Graphical, Hierarchical and Orthogonal Maximum Power Point Tracking Statecharts for Photovoltaic Systems <b>202141020890</b>	Filed on 7/5/2021
4.	Dr. Ch. A.I. Raju & Dr. N.M. Yugandhar Dept of Chemical Engineering, AUCE(A)	A method for the production of Bioethanol in solid state fermentation (SSF) using saccharomyces cerevisiae, from the novel substrate of cantaloupe pulp <b>2021411016060A</b>	Published on 16-04-2021
5.	Dr. Ch. A.I. Raju & Dr. N.M. Yugandhar Dept of Chemical Engineering, AUCE(A)	A method for the production of L-ASPARAGINASE using Yarraowia Lipolytica, from a substrate pongamia oil cake (Ponggama pinnata) <b>202141016059A</b>	Published on 16-04-2021
6.	Prof.V.Sridevi, Dept of Chemical Engineering, AUCE(A)	Method For Treatment Of Phenol Using Bioremediation Technology <b>E-45/8327/2021/CHE</b>	Filed on 15-06-2021
7.	Dr. R.Srinu Naik Dept of Electrical Engineering, AUCE(A)	Limited Space Constraint-Based Transient Novel Earthing Design for Foreign Non-Cohesive Silky sand Soil Site <b>202141019024 A</b>	Filed on 07/05/2021
8.	Dr. R.Srinu Naik Dept of Electrical Engineering, AUCE(A)	Machine Learning-based Headlight Intensity Altering device for Electrical Vehicles <b>202141017903A</b>	Filed on 23-04-2021
9.	Dr.Mary Sowjanya Alamanda &Ms.Srividya Kotagiri, Dept., of Computer Science & Systems Engineering, AUCE(A)	Analyser for Online Aspect Based Sentiment Analysis in Social media <b>202141022951</b>	Published on 11-06-2021

## Student Achievements:

<b>Apart from All India Rank 2 in GATE 2021, below are a few toppers in GATE 2021</b>	
College of Engineering(A)	1) P.Harshita, CSSE - All India Rank (42) 2) G.Sandeep, CSSE - All India Rank (102) 3) P.Bhagya Lakshmi, CSSE - All India Rank (404) 4) P.Pavani - All India Rank (470)
	Under the Central Govt. initiation "AZADI KA AMRUTH MAHOTSAV" AUCE(A) has conducted virtual competitions for students in various categories. The following are winners: 1. Ms. Sathvika - Civil 1 <sup>st</sup> Year (Essay writing) 2. Ms. K.Tejasvi - CSE 3 <sup>rd</sup> Year (Essay writing) 3. Ms. K.Roohi - ECE 1 <sup>st</sup> Year (Essay writing) Mr.Sabur Wahdat (M.tech 1 <sup>st</sup> year) stood first in chess competition.
Dr.B.R.Ambedkar College of Law	Mr. B. Naga Satwik of 3/5 BA.LL.B, Ms. J. Minisha of 4/5 BA.LL.B, Mr. B. Vijay Mohan Gandhi of 4/5 BA.LL.B and Mr. Ch. Mani Ratnam of 5/5 BA.LL.B have come through several stages of the HULT Prize Competition organized jointly by HULT University and the United Nations Organization and are in the semi final (Castle Accelerator) stage. Only two teams from India are participating in the competition - the other being the team from BITS Pilani.
<b>Hon'ble Vice Chancellor, Prof.P.V.G.D. Prasad Reddy encouraged all the students and Congratulated them for making Andhra University proud.</b>	

Spl.Chief Secretary Higher Education AP, Sri Satish Chandra, IAS has conducted an online review meeting with all the faculty of Andhra University and has given his appreciations to our Hon'ble VC for the performance of Andhra University as a whole. He has expressed his satisfaction about the Google platform used for conducting online classes as it provides a total LMS. He also insisted that even Professors should take the required load to teach the subjects irrespective of their

### DPIIT-IPR Chair, Centre for Intellectual Property Rights - AU

- A total of 11 webinars were organized.
- Dr.H.Purushotham as DPIIT-Chair, AU has participated as resource person for several webinars organised to promote the IPR culture among universities.

I take this platform to request all our faculty members to regularly fill in the Governors Data portal monthly. Further, for providing any information related to the newsletter for the next quarter(1<sup>st</sup> July 2021 – 30<sup>th</sup> Sep 2021) I request you to send it through proper channel to [igac@andhrauniversity.edu.in](mailto:igac@andhrauniversity.edu.in) or [auiqac2005@gmail.com](mailto:auiqac2005@gmail.com). My sincere acknowledgements to the authorities and Faculty of AU and all those who are responsible for their suggestions and contributions towards **SAMACHAAR**.