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NEWS LETTER

Rajkiya Engineering College, Ambekar Nagar

Uttar Pradesh, India



First News Letter @ REC Ambekar Nagar-224122 U.P. India

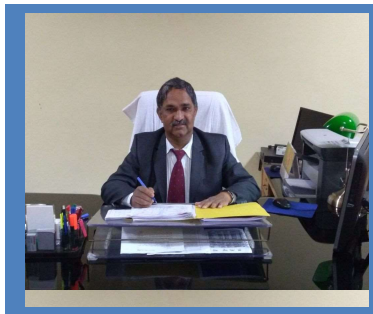
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(Chief Editor)

- **Shri Yudhishthir Pandey,**
Asst. Prof. - EE, (I/C. Library)
(Deputy Chief Editor)

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 3. Dr. Sudhakar Tripathi
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 6. Dr. Mohammed Aslam Husain, A.P.(EE),
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Nodal Officer (Finance, TEQIP-III)
 7. Mr. Ayush Mittal-A.P.(CE)
Co-ordinator GATE
 8. Dr. Ramesh Chand Pandey,
A.P.(IT), Officer I/C. Time Table
Deptt.(IT) Representatives
- Mr. Brijesh Kumar Verma,
Knowledge Centre, REC ABN
(Editor - Newsletter)

DIRECTOR'S MESSAGE:



DR. AKHILESH KUMAR MISHRA

Rajkiya Engineering College, Ambedkar Nagar is set to disseminate the activities through our newsletter. We are growing with time. Our college has been declared as research center of Dr A P J

AbulKalam Technical University, Lucknow. Research activities are speeding up with contribution of faculties and research scholars.

In addition to developing excellent scientific and engineering skills, the students are motivated not only to dream big but also encouraged to think unconventionally to face the challenges of the future and provide platform for Entrepreneurship.

It has been our constant endeavor to instill in our students ethical values hereby making them socially responsible citizens.



MESSAGE FROM THE DEPUTY EDITOR :

MR. YUDHISHTHIR PANDEY

I am delighted to introduce our first newsletter. It gives detailed information and activities happening day-to-day basis in our campus.

We have put in articles on how the campus is growing to accommodate more students and the planned expansion of departments for augmenting our steadily increasing academic and research activities. Notable achievements by our students, alumni and institute colleagues have also been highlighted.

I hope this newsletter will help our alumni stay connected with their alma mater, so that they can contribute to the growth and achievements of the institute. We welcome your valuable inputs for future newsletters and urge you to stay connected with us through email and social networking sites and by visiting us whenever possible.

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Editor's Message

Knowledge Centre (Formerly JairamVerma Central Library), R.E.C. Ambedkar Nagar :

The **Knowledge Centre** (Formerly JairamVerma Central Library) of Rajkiya Engineering College (REC) Ambedkar Nagar was established in 2010. The total area of the Library building is about 14338 Sq.ft. It stocks over 10 Thousand books. The Library has been computerized for circulation and search of books with LIBSYS Software. The Institutional Repository is provided with digitized B.Tech. Project Report / Dissertations and Question Papers etc. The Cyber Room of Library has 25 Computers for open access of e-resources.

Library Manual: Procurement Manual of Library Books and Journals including E-Journals/Resources; this manual hints upon all important functional modules of the library and defines a clear policy as to how the activities of the library like collection development, provision of information services, management of other academic support facilities should be offered. This uniformity will also help in networking with our libraries which will be coming up in different departments like libraries.

Departmental Library :

- ✓ Departmental Library of Civil Engineering
- ✓ Departmental Library of Electrical Engineering
- ✓ Departmental Library of Information Technology
- ✓ Departmental Library of Applied Science and Humanities

Various computer systems with Wi-Fi facilities for internet and e-resources access OPAC (online public access catalogue) Link: <http://192.168.0.110:8380/opac/>

INNOVATIVE IDEA FOR ANDROID APPLICATION (24X7) launched for Central Library, R.E.C. Ambedkar Nagar to access online e-information.

Download App

Download LIBRARY REC AMBEDKAR NAGAR application from Googleplay stores.



Maintenance and Supervision by

Mr. Brijesh Kumar Verma (Lib.)
Knowledge Centre (formerly J.V. Central Library),
R.E.C. Ambedkar Nagar-224122 U.P.
Mobile No.: 99 305 603 17
E-mail: jvclrecamb@gmail.com

Vision of the College

To attain the global level of excellence in scientific and technical education, fostering research, innovation, leadership qualities and entrepreneurial attitude, contributing to the advancement of the society and mankind.

Mission of the College

- To enhance knowledge and skills of students in science, technology and human behaviour that will serve the nation.
- To create an ambience for new idea, research, innovation and entrepreneurial attitude, with a high level of ethics, communication and leadership qualities.
- To develop ability and passion to work wisely, creatively, and effectively in each member of college for the betterment of the mankind and all living beings.

A. Professional Development :

1. **Dr. A. K. Mishra**, participated in "**Professional Development Training Programme**" organized by IIM Indore, Madhya Pradesh 453556 during 04th - 06th July, 2018.
2. **Dr. A. K. Mishra**, participated in "**Professional Development Training Programme**" organized by IIM Shillong during 10th - 14th Sept., 2018.



Details: IIM Shillong had organized two TEQIP III training programme in the month of September. The first programme was a Five Days Professional Development Training Programme for Sr. Academic cum Administrative Executives, sponsored by National Project Implementation Unit (NPIU), MHRD, Government of India from 10th to 14th

September, 2018 at the premises of IIM Shillong. The second programme was a Three Days Professional Development Training Programme for Director, Principal and Head of the Institution, sponsored by National Project Implementation Unit (NPIU), MHRD, Government of India from 26th to 28th September, 2018 at the premises of IIM Shillong. The objective of the PDTs was to offer a pragmatic approach to the issues surrounding strategic planning in higher education, including an open recognition of some of the idiosyncrasies of the higher education. The PDTs was designed to help the participants to yield strategic thinking and move TEQIP Institutions in an innovative direction.

B. Industrial Interaction

Details of Expert Lectures organised in Civil Engineering Department:

1. An expert lecture on the topic “Industrial demand of engineers, need of innovation and real life project handling” was delivered by Shri Shashank Sapre, Director, Accurate Group on 14.09.2018 as a part of Institute Industry Interaction activity sponsored by TEQIP-III. Students of B.Tech. Civil Engineering (All Years) interacted with the industry expert on various issues such as reasons for gap between academic curriculum and industrial requirement and its probable solutions, industry readiness, role of innovation in today’s business environment, how to establish a startup and how to handle real life projects which are associated with problems of society. He has run his own industry up to 25 years in Belgium. Presently running industry in China, Japan and India.



2. An expert lecture on the topic “Construction Project Management” was delivered by Dr. B. N. Rai, Director, REC Mainpuri on 20.08.2018 sponsored by TEQIP-III. Students of B.Tech. Civil Engineering (All Years) interacted with the expert on various issues such as how tender document is prepared and tender notice is floated, preparation of preliminary estimate and detailed estimate, security deposit and earnest money deposit, construction site management, quality assurance of work, preparation of completion drawing and project completion report etc.

C. Faculty Achievements News :

a) Department of Applied Sciences and Humanities :

1. Dr. Amit Kumar Pandey, Asst. Prof. (APSH Dept.):

1. Sleep signal controlled footless domino circuit for low leakage current, name of journal and publisher, circuit world, emerald publisher, impact factor 0.8 (Thompson Reuter only), volume-44, issue-2, pp. 87-98, year-2018.
2. Analysis of noise immunity for wide OR footless domino circuits using keeper controlling network, name of journal and publisher, circuits systems and signal processing, springer, impact factor 1.99 (Thompson Reuter only), volume-37, issue-10, pp. 4599-4616, year-2018.
3. Analysis and Design of Lector Based Dual-Vt Domino Logic with Reduced Leakage Current, name of journal and publisher, Circuit World, Emerald Publisher, impact factor 0.8 (Thompson Reuter only), volume-43, issue-3, pp.97-104, year-2017.
4. Low power, high speed and noise immune wide-OR footless domino circuit using keeper controlled method, name of journal and publisher, Analog integrated circuit and signal processing, springer, impact factor 0.8 (Thompson Reuter only), volume-97, issue-3, pp.1-13, year-2018.

2. Dr. Shailesh Kumar Srivastava, Asst. Prof. (APSH Dept.):

1. One week National Workshop on “Evolving Drifts in Computer Science (NWEDCS-2018)”, organized by Department of Information Technology, Rajkiya Engineering College, Ambedkar Nagar (U.P.) and sponsored by TEQIP-III, Rajkiya Engineering College, Ambedkar Nagar (U.P.), held during July 09-13, 2018.

2. Served as a member of organizing committee in a one week National Workshop on “Evolving Drifts in Computer Science (NWEDCS-2018)”, organized by Department of Information Technology, Rajkiya Engineering College, Ambedkar Nagar (U.P.) and sponsored by TEQIP-III, Rajkiya Engineering College, Ambedkar Nagar (U.P.) , held during July 09-13, 2018.
3. I have worked as a member of organizing committee in 21 days Induction Program held in August 2018 at REC Ambedkar Nagar.

3. Mr. Vivekanand Singh, Asst. Prof. (APSH Dept.):

1. Worked as member of organizing committee in 21st days induction program held in August 2018 at REC AMBEDKAR NAGAR.

4. Mr. Virendra Kumar Mourya (Ph.D. in Physics, Teaching-cum-Research fellow (TRF) under TEQIP-III, APSH Dept.):

1. National Seminar on “Recent Trends in Nanoscience and Nanotechnology: Today & Tomorrow” Sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow and Organized by Department of Physics Bharat Institute of Technology, Meerut from 08th - 09th September, 2018.
2. “Science Academies” 100th Refresher Course on Experimental Physics Organized at Department of Physics Panjab University, Chandigarh & Sponsored by Indian Academy of Sciences, Bangalore, (IASc), Indian National Science Academy, New Delhi, (INSA), The National Academy of Sciences, India, Allahabad, (NASI), from July 17th to August 1st 2018.

b) Department of Civil Engineering :

5. Mr. Avaneesh Kumar Yadav, Asst. Prof. & HOD (CE Dept.)

1. Attended five days’ duration FDP/Workshops – 02 Nos.
2. Attended two days’ Workshop – 01 No.
3. Visited YMCA University Faridabad (The Mentor Institute for TEQIP-III) under Twinning Activity of TEQIP-III during Sept. 05-06, 2018.
4. As Officer In-charge Horticulture and Upkeep of Campus, organized mass plantation drive in college premises on the occasion of World Environment Day (05.06.2018).

5. As Co-Coordinator Social Awareness Activities, initiated to establish a Library for underprivileged students (class 1st to 12th) of nearby villages with the help of team “KOSHISH-Ek Kadam Shiksha Ki Or”.
6. Mentored a team of two students of B.Tech. Final Year in submission of a project titled “Usmiya Sheetalan Kosth” under “AICTE-ECI-ISTE Chhatra Vishwakarma Awards”.
7. Monitoring the construction of REC Gonda whose construction is about 35% complete.
8. As Member- Secretary of Building and Works Committee, monitored and supervised construction of following Civil Engineering Structures in REC Ambedkar Nagar-
 - (i) 150 Bedded Hostel (01 No.) has been completed and is under process of inventory verification.
 - (ii) Construction of Gymnasium has been completed and is under process of inventory verification.
 - (iii) 100 Bedded Hostel (01 No.) has been completed and is under process of inventory verification.
 - (iv) 100 Bedded Hostel (01 No.) is at finishing stage of construction.
 - (v) OBC Girls Hostel (01 No.) is under construction and is almost 50% Complete.
 - (vi) Type-V Director Residence (01 No.) has been completed.
 - (vii) Type-III Faculty Residences (02 Nos.) are complete and 04 Nos. of Type-III Faculty Residences are about 50% complete.
 - (viii) Type-I Staff Residences (02 Nos.) are about 80% complete.

6. Mrs. Poonam Singh, Asst. Prof. (CE Dept.):

1. I have got enrolled in Ph.D (Part-Time) Program in Civil Engineering under AKTU Lucknow under the supervision of Professor M. K. Gupta, Department of Civil Engineering from KNIT Sultanpur-228118 U.P. India.
2. As being Co-Convenor of Cultural Council of our college organized fresher's event called ‘VITUOSO’ for newcomers of 2018 batch on 13th Oct. 2018 at REC Ambedkar Nagar.

7. Mr. Ayush Mittal, Asst. Prof. (CE Dept.):

1. Attended a Short Term course on “Numerical and Optimization Techniques (NOT-2018)” Organized by MNNIT Allahabad, during 12th – 16th October 2018.
2. Attended Short term training program on “Publishing Research in High Value Journals”, Organized by MNNIT Allahabad, during 16th – 21st July 2018.
3. Attended National Workshop on “Evolving Drifts in Computer Science”, Organized by REC Ambedkar Nagar, during 9th – 13th July, 2018.

c) Department of Electrical Engineering :**8. Dr. S. P. Singh, Associate Prof. & HOD (EE Dept.):****International Conference:**

1. Shashi Pandey, Shashi Kant Chaudhary, Dr. **S. P. Singh**, *Member, IEEE*, and K. G. Upadhyay “Hankel Norm Approximation of a Highly Unstable Systems” in UPCON-2018 5th IEEE Uttar Pradesh Section International Conference, organized by MMMUT, Gorakhpur, during November 02-04, 2018. (Accepted)
2. Shashi Pandey, Rahul Singh Yadav, Dr. **S. P. Singh**, *Member, IEEE*, and K. G. Upadhyay “A remedy for Elimination of Harmonics in Solar Integrated Grid System” in IEEE International Conference on Computational and Characterization Techniques in Engineering and Science (CCTES-18), organized by Departments of Electronics & Communication Engineering, Electrical Engineering & Physics, Integral University Lucknow, during September 14-15, 2018.

Key Note Address/Expert Lectures/Plenary Talk Delivered:

1. An **Expert Lecture** delivered on “**Power Quality Problems and its Improvement through Multilevel Bidirectional converter**” on September 15, 2018 in IEEE International Conference on Computational and Characterization Techniques in Engineering and Science (CCTES-18), organized by Departments of Electronics & Communication Engineering, Electrical Engineering & Physics, Integral University Lucknow, during September 14-15, 2018.
2. An **Expert Lecture** delivered on “**Power Quality issues and its Improvement through Multilevel converters under different operating conditions**” on September 11, 2018 in One-week short term course on “Recent Advances in Electrical Engineering during

September 10-14, 2018, organized by Department of Electrical Engineering, Rajkiya Engineering College, Ambedkar Nagar sponsored by TEQIP-III.

3. An **Expert Lecture** delivered on “**Performance Comparison of Perturbed 7 Observed and Fuzzy logic based MPPT Technique for Photo-voltaic Energy Conversion System**” on September 06, 2018 under Twinning Activities of TEQIP-III at YMCA University of Science & Technology, Faridabad.
4. An **Expert Lecture** delivered on “**Power Quality and its Improvement**” on July 13, 2018 in One Week Faculty Development Program on “Recent Advances in Power Electronics & Drives during July 10-14, 2018, organized by Department of Electrical & Electronics Engineering, Sri Ram Murti Smarak College of Engineering & Technology, Bareilly sponsored by TEQIP-III of Dr. A.P.J. Abdul Kalam Technical University, Lucknow.

9. **Mr. Yudhishthir Pandey, Asst. Prof. (EE Dept.):**

1. Published a paper titled as “Optimal power flow: comparison of DCOPF and ACOPF” *International Journal of Power and River Valley Development, Vol-68, issue-5 (2018)*
2. Submitted Ph. D Thesis on “Nodal Pricing and Decomposition in Power System” at Jamia Millia Islamia under the supervision of Prof. Naimul Hasan and Prof. Ibraheem
3. Organized (as a Coordinator) One Week Short Term Course on “Recent Advances in Electrical Engineering (RAEE)” (September 10-14, 2018)
4. Delivered an expert lecture on “Transmission Loss Allocation in Restructured Power System” at REC Ambedkar Nagar in One Week Short Term Course on “Recent Advances in Electrical Engineering (RAEE)” (September 10-14, 2018).
5. Two Papers accepted in International IEEE Conference.

10. **Dr. Arif Iqbal, Asst. Prof. (EE Dept.):** Workshop/FDP organized/attended:

1. Participated one week (July 9-13, 2018) National Workshop on “Evolving Drift in Computer Sciences, (NWEDCS-2018)” organized by Rajkiya Engineering College Ambedkar Nagar.
2. Worked as “**Organizing Secretary**” and “**Participated**” in one week (September 10-14, 2018) short term course on “Recent Advances in Electrical Engineering (RAEE-18)”, organized by Rajkiya Engineering College Ambedkar Nagar.

3. Delivered an “**Expert talk**” on “**Comparison of 3-phase and 6-phase Synchronous Motor**” in one week (September 10-14, 2018) short term course on “Recent Advances in Electrical Engineering (RAEE-18)”, organized by Rajkiya Engineering College Ambedkar Nagar.
4. Delivered an “**Expert lecture**” on “**Overview of six-phase Synchronous Motor**” in YMCA University of Science & Technology, Faridabad on 06.09.2018, under Twinning Activity of TEQIP-III.
5. Delivered an “**Invited talk**” on “**Sensorless control of Induction Motor**” in IEEE International Conference on “Computational and Characterization Techniques in Engineering and Sciences (CCTES-18)” organized by Integral University, Lucknow on 14.09.2018 to 15.09.2018.

Research Paper Published/Accepted :

1. **Arif Iqbal**, Girish Kumar Singh, “Chaos control of permanent magnet synchronous motor using simple controllers”, Transactions of the Institute of Measurement and Control, DOI: 10.1177/0142331218799830 (**SCI Journal**, Impact Factor 1.579), October 15, 2018.
 2. **Arif Iqbal**, M. Aslam Husain, “MRAS based Sensorless control of Induction Motor based on rotor flux” IEEE International Conference on “Computational and Characterization Techniques in Engineering and Sciences (CCTES-18), Integral University, Lucknow, September 14-15, 2018 (Accepted). This paper has been awarded as “**Best Paper**” of the conference.
11. **Dr. Mohammed Aslam Husain, Asst. Prof. (EE Dept.):**
1. Participated in one week national workshop on “Evolving Drifts in Computer Science” organized by Dept. of IT, Rajkiya Engineering College, Ambedkar Nagar from 09/07/2018 to 13/07/2018.
 2. Published a paper: **Husain, Mohammed Aslam**, et al. “Transient Analysis and Selection of Perturbation Parameter for PV-MPPT Implementation.” *International Journal of Ambient Energy* (2018) (**Taylor & Francis**)
 3. Organized (as a Coordinator) One Week Short Term Course on “Recent Advances in Electrical Engineering (RAEE)” (September 10-14, 2018)

4. Delivered an expert lecture on “MPPT for Solar PV Systems” at REC Ambedkar Nagar in One Week Short Term Course on “Recent Advances in Electrical Engineering (RAEE)” (September 10-14, 2018).
 5. Got the best paper award for paper “MRAS based Sensorless Control of Induction Motor based on rotor flux” at IEEE International Conference. Computational and Characterization Techniques in Engineering & Sciences (CCTES-18) Conference Dates: 14-15 September.
 6. Delivered an invited talk on “A detailed analysis of MPPT techniques for solar PV systems” at IEEE International Conference. Computational and Characterization Techniques in Engineering & Sciences (CCTES-18) Conference Dates: 14-15 September.
 7. Acted as a session Chair at IEEE International Conference. Computational and Characterization Techniques in Engineering & Sciences (CCTES-18) Conference Dates: 14-15 September.
12. **Mr. Vikas Patel, Asst. Prof. (EE Dept.):**
3. Attended One-week Faculty Development Program on “**Electrical Vehicle Infrastructure**” at. MNIT, Jaipur during July 16-20, 2018.
 4. Participated in "**Professional Development Training Programme**" organized by IIT Triuchirappalli during August 06-10, 2018.
13. **Dr. Sanjay Agrawal, Asst. Prof. (EE Dept.):**
1. Participated in two days Training Programme on “**Financial Management/ PFMS**” organized by State Project Implementation Unit-UP, Dr. A K T U, Lucknow, during July 04-05, 2018.
14. **Mr. Lokesh Kumar Yadav, Asst. Prof. (EE Dept.):**
1. Participated in one-week National Workshop on “Evolving Drift in Computer Science” (NWEDCS-2018), organised by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar and Sponsored by TEQIP-III at REC Ambedkar Nagar, held during July 9th -13th, 2018.
 2. Worked as a member of the organizing committee in one week STC on “Recent Advances in Electrical Engineering (RAEE-18) under the aegis of WB TEQIP-III conducted by Department of Electrical Engineering during September 10-14, 2018 at REC Ambedkar Nagar (U.P.).

d) Department of Information Technology :**15. Dr. Sudhakar Tripathi, Associate Prof. & HOD (IT Dept.)**

1. Dr Sudhakar Tripathi Attended 4th World Summit on Accreditation (WOSA-2018), during 7th – 9th September, 2018 at Dr Ambedkar International Centre, Delhi, India on the theme “Challenges and Opportunities in Outcome Based Accreditation”.
2. Dr Sudhakar Tripathi visited YMCA University during 20-08-2018 to 22-08-2018 as NBA coordinator.

16. Mr. Ramesh Chand Pandey, Asst. Prof. (IT Dept.):

1. Ph.D degree award of Mr. Ramesh Pandey; "Passive forensic techniques for image and video tampering detection" submitted date 30th Dec., 2017 and final viva on 01st Oct., 2018 from Deptt. of CSE, IIT BHU, Varanasi, U. P.
2. Served as a Convener in One-week National Workshop on “Evolving Drifts in Computer Science” (NWEDCS-2018), Organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar and Sponsored by TEQIP-III, Rajkiya Engineering College Ambedkar Nagar, held during 09th to 13th July, 2018.

17. Mr. Amit Kumar, Asst. Prof. (IT Dept.):**❖ Paper publish journal conference etc.**

- One IEEE conference paper in ICACCCN-2018 @ Galgotias College of Engineering and Technology
- One international journal paper in International journal of pure and applied mathematics (IJPM) (Scopus Indexed).

❖ Workshop / FDP / Induction program attended etc.

- Short term course on Machine Learning and its Application from 09/07/2018 to 13/07/2018 at QIP Center, IIT Roorkee.

18. Mr. Prince Rajpoot, Asst. Prof. (IT Dept.):

1. Prince Rajpoot al. “Multi-Factor Based Energy Efficient Algorithm for Clustering and Routing in WSN”, Proceedings of SPRINGER 3rd International Conference SoCTA 2018 (Accepted) (SCOPUS).

19. Mr. Shivendu Mishra, Asst. Prof. (IT Dept.):

3. “A security Framework for Service-Oriented Architecture based on Kerberos” Proceedings of SPRINGER (2nd International Conference CICBA-2018) held during 27/07/18 to 28/07/18 at Kalyani Govt. Engg. College West Bengal. (Accepted) (SCOPUS)
4. Attended one-week “TEQIP-III Short Term Course on Modern Cryptography” organized by Department of Mathematics, IIT Kharagpur, held during 17/09/18 to 21/09/18.
5. Paper presented titled “A security Framework for Service-Oriented Architecture based on Kerberos” at CICBA-2018 held during 27/07/18 to 28/07/18 at Kalyani Govt. Engg. College West Bengal.
6. Served as Coordinator in One-week National Workshop on “Evolving Drifts in Computer Science” (NWEDCS-2018), Organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar and Sponsored by TEQIP-III, Rajkiya Engineering College Ambedkar Nagar, held during July 09th– 13th, 2018.
7. Served as Member of Organizing committee in One-week National Workshop on “Recent Advances in Electrical Engineering RAEE-18), Organized by Department of Electrical Engineering, Rajkiya Engineering College Ambedkar Nagar and Sponsored by TEQIP-III, Rajkiya Engineering College Ambedkar Nagar, held during September 10th– 14th, 2018.

20. Mr. Shivendra Kumar Pandey, Asst. Prof. (IT Dept.):

1. Served as a member of organising committee of 21-Days Induction Program. Organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar and Sponsored by TEQIP-III, Rajkiya Engineering College Ambedkar Nagar, held during August 01-21, 2018.
2. Served as Coordinator in One-week National Workshop on “Evolving Drifts in Computer Science” (NWEDCS-2018), Organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar and Sponsored by TEQIP-III, Rajkiya Engineering College Ambedkar Nagar, held during July 09th– 13th, 2018.
3. Served as a member of organising committee of 3-Days short term course on Python, machine learning and Wireless Sensor Network. Organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar and Sponsored

by TEQIP-III, Rajkiya Engineering College Ambedkar Nagar, held during September 14– 16th, 2018.

21. Mr. Ashish Kumar Mishra, Asst. Prof. (IT Dept.):

1. Served as a member of organising committee of 21-Days Induction Program. Organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar and Sponsored by TEQIP-III, Rajkiya Engineering College Ambedkar Nagar, held during August 01-21, 2018.
2. Paper with Shivendu Mishra “A security Framework for Service-Oriented Architecture based on Kerberos” at CICBA-2018 held during 27/07/18 to 28/07/18 at Kalyani Govt. Engg. College West Bengal.
3. Served as a Coordinator in One-week National Workshop on “Evolving Drifts in Computer Science” (NWEDCS-2018), Organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar and Sponsored by TEQIP-III, Rajkiya Engineering College Ambedkar Nagar, held during July 09th– 13th, 2018.

D. Departments Achievements News :

a) Department of Information Technology :

1. Department of Information Technology successfully organized National Workshop on “Evolving Drifts in Computer Science (NWEDCS)-2018” from 9th-13th July 2018 Sponsored by TEQIP-III. This program was a combination of theoretical and Practical lab oriented. Mr Shivendu Mishra and Mr. Ashish Kumar Mishra were the Coordinator of this workshop.



b) Department of Electrical Engineering :

2. Department of Electrical Engineering Organised one-week short term course on “Recent Advances in Electrical Engineering (RAEE-18) under the aegis of WB TEQIP-III conducted by Department of Electrical Engineering during **September 10-14, 2018** at REC Ambedkar Nagar (U.P.).



इंजीनियरिंग कॉलेज में कार्यशाला शुरू



सोमवार को इंजीनियरिंग कॉलेज में कार्यशाला में बोलते वक्ता और कार्यशाला में मौजूद शिक्षकगण

अम्बेडकरनगर | हिन्दुस्तान संवाद

राजकीय इंजीनियरिंग कॉलेज अकबरपुर के इलेक्ट्रिकल विभाग ने सात दिनी शार्ट टर्म कोर्स का शुभारम्भ हुआ। सोमवार को शुरू हुए कोर्स की कार्यशाला कार्यक्रम में देश-विदेश के नामी गिरामी वैज्ञानिक, प्रोफेसर एवं औद्योगिक हस्तियों का व्याख्यान होगा। कार्यशाला का उद्घाटन डा. प्रभाकर ने किया।

उद्घाटन

- शार्ट टर्म कोर्स पर आयोजित हो रही है कार्यशाला

डा. प्रभाकर ने देश विदेश में हो रहे तकनीकी प्रगति के बारे में प्रतिभागियों को अवगत कराया। संस्थान के निदेशक डा. अखिलेश कुमार मिश्र ने डीआरडीओ में हो रहे शोध के बारे में विस्तार से जानकारी दी। पूर्व निदेशक

प्रो. केएस वर्मा ने इलेक्ट्रिक इंजीनियरिंग के क्षेत्र में नए-नए प्रक्रिया के बारे में बताया और कहा कि कार्यक्रम का उद्देश्य नए नए आविष्कारों से प्रतिभागियों को अवगत कराना है। कार्यक्रम में कोऑर्डिनेटर डा. एसपी सिंह, कोऑर्डिनेटर युधिष्ठिर पांडेय, डा. मोहम्मद असलम हुसैन विचार व्यक्त किया। प्रमुख रूप से प्रो. विशाल चंदेल, डा. सुधाकर त्रिपाठी, डा. सूर्य प्रकाश सिंह, अविनाश यादव मौजूद रहे।

c) Department of Civil Engineering :

1. 04 Expert Lectures by experts from both Industry and Academia were organised by the department from April 2018 to Sept. 2018.
2. Total 25 students of B.Tech. Final Year Civil Engineering qualified GATE-2018.
3. 03 students of 2018 pass out batch are pursuing M.Tech. in different NITs.
4. Preparation of Self-Assessment Report (SAR) for NBA Accreditation has been completed.

E. Students Achievements News:

1. The students of Department of Electrical Engineering, REC Ambedkar Nagar performed a real life project on "Automation of corridor lighting based on the PIR sensor". The sensor detects the human presence. It is for the first time in the college that such type of activity has happened. This project will reduce the energy consumption demand by almost 50%. The team which performed this



work included Mr. Ritik Rajpoot, Manish Kumar Gupta, Sarthak Gupta, Km. Renu Gupta and Pratibha of B.Tech Electrical Engineering. This work was done under the guidance of Dr. Mohammed Aslam Husain (Assistant professor in Electrical Engineering Department). The group photo of the team is attached herewith.

2. Our college Rajkiya Engineering College Ambedkar Nagar had participated in UDGHOSH'18, IIT Kanpur sports fest. The games in which our college had participated are :
 1. Volleyball (boys and girls)
 2. Chess (boys and girls mix)
 3. Carrom (boys and girls mix)
 4. Athletics (boys and girls mix)
 5. Table tennis (boys)
 6. Badminton (girls)
- The game in which our college had win: Athletics (silver medal by Laxmipatel)

- Our college had participated under the guidance of:
Sports convener (Mr. Ashish Kumar Mishra Sir and Ms. Vaishali Rajbhar Ma'am)
Sports secretary (Mohit Maurya and Vijeta Sharma)
General secretary (Vikas Singh)

The name list of participants in UDGHOSH'18 are: (total participants : 33)

List of Participants for Udgosh,18 IIT Kanpur.

R. O.	NAME	MOBILE NUMBER	PARENTS NAME	MOBILE NUMBER	E-MAIL ADDRESS	GAME
1.	MUKUL DEV	969502045	LAKHAN LAL	9452743763	mukuldev1804@gmail.com	ATHELETICS
2.	MOHIT	7617839204	SN MAURYA	9451173901	mohitmaurya140@gmail.com	Volleyball
3.	ANAND KUMAR	7236879009	SURESH KUMAR	8791818358	anand024kumar@gmail.com	Volleyball
4.	CHANDRA SHEKHAR VERMA	6393031190	RAM BABU VERMA	8127317872		Volleyball
5.	AKASH YADAV	8416842685	RS YADAV	9984239566	ayee059@gmail.com	Volleyball
6.	SHTANTANU	7080999226				Volleyball
7.	PRASHANT PRATAP SINGH	9259649047	CHANDRA SHEKHAR	9259057847	prashant81098@gmail.com	Volleyball
8.	OM SINGH	7897515338	AJAY KUMAR SINGH	9455957882	omsingh.anpara@gmail.com	Volleyball
9.	VIKAS SINGH	9792531263	JAGDISH SINGH	7619040619	vikassinghchamp504@gmail.com	Volleyball
10.	SHUBHAM DIXIT	730276939	RAKESH KUMAR		shubham24dixit@gmail.com	Volleyball
11.	VISHWAMBHAR	8418995592	VRINDA SINGH	8423195568	vishwambar29@gmail.com	Volleyball
12.	HIMANSHU KUMAR	8865925269	AMAR SINGH	8006556571	himanshusonicivil@gmail.com	Chess
13.	ABHINAV ARYA					Chess
14.	VEDHANSH SINGH CHANDEL	9793428209	SS CHANDEL	9839107033	vedanshsinghchandel@gmail.com	Chess
15.	RAJARSHI SINGH	7355543744	KUNWAR BAHADUR SINGH	9415550350	raj.ready400@gmail.com	Table Tennis
16.	PRABEEN KUMAR	8318539646	RAVILAL	9918138509	praveenrao080@gmail.com	Table Tennis
17.	MANISH KUMAR SAHNI	8400581282	VK SAHNI	6388372313	manishsahni.919691@mail.com	Table Tennis
18.	CHAKRAVARTI SHREYAS	9415097540	VINOD KR GAUTAM	9415695391	chakravartishrevas14@gmail.com	Carom
19.	MADHU SHUKLA	7007153197	TRIPURARI SHUKLA	9721480042	madhushukla720@gmail.com	Volleyball
20.	VIJETA SHARMA	7052079129	SHIV KUMAR SHARMA	9336648426	vijeta4uever28@gmail.com	Volleyball
21.	RAJNI SINGH	9756199428	AVNISH KR SINGH	9756205441	rajnisingh32681@gmail.com	Volleyball
22.	MAUSAMI SAROJ	8765901901		9140791014	mausamisaroj@gmail.com	Volleyball
23.	HARSHITA CHAUDHARY	8381856175	VIRENDRA CHAUDHARY	9918767221	harshitachaudhary2000@gmail.com	Volleyball
24.	SUSHMA GAUTAM	8726633532	AYODHYA PRASAD GAUTAM	9452294599	susigautam123@gmail.com	Volleyball
25.	KOMAL	9044690861	DINESH KUMAR	9552649563	komalgautamr@gmail.com	Volleyball

GAUTAM					
26. SHALINI KESHRI	9519102536	RAJESH KUMAR KESHRI	9935027383	keshri40shalini@gmail.com	Volleyball
27. ALKA KUMARI	9519493660	BALATTAR SINGH	8273939622	sonycdrw1234@gmail.com	Badminton
28. TANYA GAUTAM	7754073805	JN PRASAD	7376335218	gautampbtanya@gmail.com	Badminton
29. SHIVANGI VERMA	7839993693	RAKESH VERMA	8765570489	shivangiverma0809@gmail.com	CHESS
30. NIDHI TIWARI	8948235698	MAHANARAYAN TIWARI	7570011471	nidhi11998@gmail.com	Chess
31. DEEPTI CHAWALA	7535977676		827372001		Carom
32. LAKSHMI PATEL	7459962636	SADANAND PATEL	9450664487	lakshmipatel36@gmail.com	Athletics
33. RITU SAINI	9458770855	NIRANJAN LAL	9456939431	saini.rt21@gmail.com	Athletics

- Some picture of participant of our college during games are:



F. Fresher's Party:

Special invitee Mrs. Geeta Mishra W/O Dr. Akhilesh Kumar Mishra (Director, REC ABN) on 13th Oct. 2018 at Ground of REC Ambedkar Nagar-221422 U.P. India.



G. Induction programme first year:

1. Dr. D. P. Mishra, Asst. Prof.-APSH: As per AICTE Recommendation and AKTU curriculum, Induction program was conducted from 1st to 21st August, 2018 for newly B. Tech I year students. In this program various activities such as yoga, music, dance, singing, motivational lectures were performed.
2. Dr. D. P. Mishra Asst. Prof.-APSH: Orientation program was organized for all newly first year students.
3. Dr. Shailesh Kumar Srivastava, Asst. Prof. (APSH Dept.): I have worked as a member of organizing committee in 21st days Induction program held in August 2018 at REC Ambedkar Nagar.

H. KOSHISH *ekkadamshikshaki or* @ REC, Ambedkar Nagar:

“Koshish” was initiated by our students of 2011-2012 batch by their own contribution and efforts and up till now. Now It is practiced by our students. REC, Ambedkar Nagar recognizes the efforts of students and supported in the Council of Social Awareness Activities.



The Objectives of this initiative are

- To make quality education accessible to those who are deprived of it.
- To inculcate values and provide moral education to the students.
- To promote personal development of the students through various co-curricular activities like Music, Sports, Painting, Debates, Dance, Poetry, speech, nukkad, play etc.
- To create awareness about Health and Social issues and also about the 'Need of Education' among the students.
- To develop a methodology of teaching that would attract the kids towards Education.

I. Water Conservation :One week orientation programme on groundwater management at ManyawarKanshi Ram Awas, Ambedkar Nagar, from 16th to 22nd July, 2018.



J. YMCA Visit:

Following group of faculty members of REC Ambedkar Nagar visited to YMCA University of Science & Technology, Faridabad on 05-06th September, 2018 under Twinning activity of TEQIP-III.

- ✓ Dr. V. S. Chandel
- ✓ Dr. S.P. Singh
- ✓ Dr. Arif Iqbal
- ✓ Mr. Avaneesh Kumar Yadav
- ✓ Mr. Anoop Kumar Verma
- ✓ Dr. D. P. Mishra
- ✓ Mr. Amit Kumar

K. Yoga week first week of August, 2018 at R.E.C. Ambedkar Nagar.



L. Plantation drive:

By the order of Government of Uttar Pradesh our college has been given the target of planting 400 plants on 15th August 2018. All staff members (teaching & non-teaching) and students participated in the plantation drive. We achieved the target of plantation in a single day. This responsibility was to Mr. Lokesh Kumar Yadav, I/C Horticulture & Upkeep of the Campus. The event was great success and every one participated and enjoyed.



M. TEQIP-III Development :

Technical Education Quality Improvement Programme –III (TEQIP-III) is fully dedicated to fulfil the objectives for Technical Education as a key component for improving the quality of Engineering Education in Rajkiya Engineering College, Ambedkarnagar.

National Project Implementation Unit (NPIU) granted Rs. 10 Crores budget under TEQIP-III programme to our college, which will be utilized in the academic quality improvement and procurement for establish new labs, upgradations of existing labs, minor civil works and other technical improvements.

Administrative Responsibility Under TEQIP-III:

- | | |
|---------------------------|---|
| 1. Dr. Prabhudatt Dwivedi | TEQIP-III Coordinator |
| 2. Dr. Saurabh Srivastava | TEQIP-III Co-Coordinator |
| 3. Shri. Amit Kumar Rai | Nodal Officer (Academic) |
| 4. Dr. Puneet Joshi | Nodal Officer, (Procurement) |
| 5. Ms. Vaishali Rajbhar | Nodal Officer, Co-Coordinator (Procurement) |
| 6. Dr. Md. Aslam Husain | Nodal Officer (Finance) |

Staff:

- | | |
|---------------------------|--------------------------|
| 1. Er. Paritosh Bhushan | MIS Officer |
| 2. Shri. Rajnikant Mishra | Data Entry Operator |
| 3. Shri. Paras Nath | Messenger Cum Dispatcher |

TEQIP-III in our college:

- Under TEQIP-III more than 30 faculty members attended “Active learning Programs” at IIT Roorkee.
- GATE Training providing for final year students of B.Tech is organised
- Student Employability Skill Programs organised for B.Tech 3rd year students.
- One Workshop and One STP successfully conducted by the information Technology Department.
- One workshop successfully conducted by the Electrical Engineering Department.
- Many faculties presented their and research paper in conference by TEQIP-III fund.
- Faculty members Attended Professional Development Training (PDT)/ Faculty development Programme in IIM Indore, IIM Tiruchirappalli, IIM Shillong.
- TEQIP provided more than 30 students Summer Internship Program registration fees.
- TEQIP reimbursed the GATE 2018 Qualified students registration fees.

- Approved Rs. 25.87 Lac. Budget for Central Library for purchasing of new books.

TEQIP is providing the funds for proposed labs like, Machine Learning, IoT, Information Security and structured lab upgradation of computer lab in Electrical Engineering, etc. to establish in different departments.

Achievement: Our college rank is 2nd in Audit performance in all India TEQIP institution.

N. GATE Forum Coaching :

The GATE Coaching in REC Ambedkar.Nagar was started from the month of Sept., 2018 for all the three branches (CE, EE, IT). It is initiated by National Project Implementation Unit (NPIU), Govt. of India for the grooming students technical skills, research development and employability chances. The total fund sanctioned for GATE Coaching will be around 23 Lacs which is conducted by M/S GATE Forum.



O. Staff Development :

1. Mr. Ramesh Chandra Prajapati, Account Consultant, Account Dept. of REC Amb. Ngr.

1. Participated in two days Training Programme on Financial Management /

PFMS on 04th to 05th July, 2018, organized by 'State Project Implementation Unit-UP for TEQIP-III' at Dr. A.P.J. Abdul Kalam Technical University, Lucknow, U.P.



2. Attended workshop on 'Accounts & Audit' on 19th August 2018 organized by 'State Project Implementation Unit-UP for TEQIP-III' at Dr. A.P.J. Abdul Kalam Technical University, Lucknow, U.P.

2. Mr. Brijesh Kumar Verma, Library Professional, Editor College Newsletter & LAC-Member Secretary, Knowledge Centre (Formerly J.V. Central Library) of REC Amb. Ngr.:

1. Participated in three days in the 1st National Conference on Universal Human in Higher Education Developing Holistic Perspective organized by TEQIP-III conducted by Value Education Cell, at Dr. A.P.J. Abdul Kalam Technical University, Lucknow at I.E.T. Lucknow from 06th to 08th July, 2018.
2. Participated in one-week National Workshop on "Evolving Drifts in Computer Science" (NWEDCS-2018), organized by Department of Information Technology, REC Ambedkar Nagar and Sponsored by 'TEQIP-III' Rajkiya Engineering College Ambedkar Nagar U.P. held during July 09th – 13th, 2018.
3. Additional achievement for the college: National Apprenticeship Training Scheme (NATS) Instituted by Boards of Apprenticeship Training / Practical Training Ministry of Human Resource Development, Government of India.

Registration: Compulsory for Engineering Students B.Tech (Final Year Student) from REC Ambedkar Nagar.

Welcome to the NATS Portal enrollment process. Please Answer the below questions to quickly check your eligibility !

The screenshot displays the NATS portal interface. At the top, there is a header with the logo of the Ministry of Human Resource Development, Government of India, and the slogan "सशक्त युवा, समर्थ भारत". Below the header, there is a navigation bar with links: Home, About Us, Students, Industries, Institutions. The main content area is titled "Institutions List" and features a search bar with a dropdown menu for "Search Region" set to "Northern Region". Below the search bar, there is a table with columns: Name, Course, Type, State, and District. The table lists two institutions: "RAJKIYA ENGINEERING COLLEGE AMBEDKAR NAGAR" and "Rajkiya Engineering College Banda". Below the table, there are search filters for Name, Course, Type, State, and District. The footer contains quick links, help, reports, contact us, and other resources.

Name	Course	Type	State	District
RAJKIYA ENGINEERING COLLEGE AMBEDKAR NAGAR	Information Technology,Electri...	G	Uttar Pradesh	Ambedkar Nagar
Rajkiya Engineering College Banda	Information Technology,Electri...	G	Uttar Pradesh	Banda

The screenshot displays the NATS website interface. At the top, the header includes the Government of India emblem, the NATS logo, and the motto "सशक्त युवा, समर्थ भारत". The main navigation bar contains links for Home, About Us, Students, Industries, and Institutions, along with Login and Enroll buttons. A modal window titled "Details for RAJKIYA ENGINEERING COLLEGE AMBEDKAR NAGAR" is open, showing the following information:

Name:	RAJKIYA ENGINEERING COLLEGE AMBEDKAR NAGAR
Available Course(s):	Information Technology, Electrical Engineering, Civil Engineering
Type:	G
State:	Uttar Pradesh
District:	Ambedkar Nagar
Region:	Northern Region

In the background, the search results for "RAJKIYA ENGINEERING COLLEGE AMBEDKAR NAGAR" are visible, showing two entries. The footer contains various links categorized under Quick links, Help, Reports, Contact Us, and Others, along with logos for india.gov.in, Skill India, and National Career Service.



EDITOR'S MESSAGE :

It gives me immense pleasure to lead volume number first of issue number first of College Newsletter, R.E.C. Ambedkar Nagar U.P. In this first edition, I have tried to cover last four months achievements or activities performed such as workshops, International Conference, Technical Staff Development Programme, FDP, publications, Industrial and V.I.P. Visits, Guest Lectures conducted by the College. I feel delighted to see the students, faculty and staff participating in different events and delivering their best. I wish to convey that one of our faculty members enrolled for Ph.D college also admitted two students as Ph.D research scholar. This college newsletter is a platform to exhibit the achievements and contributions of faculty, staff and students. The hard work of students in different event portraysover all development. I do hope that the college newsletter encourages many more including students to use it as a platform to express their creativity. I hope you will enjoy reading this issue as much as I have enjoyed making it. I am thankful to the faculty and staff of REC Ambedkar Nagar for their valuable inputs, and I welcome suggestions and feedback that will help me improve further.

~ **Mr. Brijesh Kumar Verma, Editor-College Newsletter, R.E.C. Ambedkar Nagar, U.P.**

Feedback / Suggestions

recabnnewsletter@gmail.com

[Link click here: College Newsletter, R.E.C. Ambedkar Nagar-224122 U.P. \(India\)](#)

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