

HMKS & MGS COLLEGE OF ENGINEERING
MANDATORY DISCLOSURE 2018-2019

The following information is to be given in the Information Brochure besides being hosted on the Institution's official Website.

“The information has been provided by the concerned institution and the onus of authenticity lies with the institution and not on AICTE.”

I. NAME OF THE INSTITUTION: HMKS & MGS COLLEGE OF ENGINEERING

Address including telephone, Fax, E-mail.

Name of the Institution	HMKS & MGS COLLEGE OF ENGINEERING
Village	KANAGALA,
Taluk	CHERUKUPALLI (MANDAL)
District	GUNTUR
Pin Code	522259
State	ANDHRA PRADESH
Telephone No.	08648-258888
Fax No.	08648-258258
E-Mail:	mgs.hmks@gmail.com
Web site	www.hmksmgs.co.in

II. NAME & ADDRESS OF THE PRINCIPAL

Address including telephone, Fax, E-mail.

Name	Dr. SYED UMAR , Principal, HMKS & MGS COLLEGE OF ENGINEERING, KANAGALA, CHERUKUPALLI (MD), GUNTUR-522259.
Telephone	08648-258888
Fax	08648-258258
E-Mail	mgs.hmks@gmail.com

Frequency of the Board Meetings and Academic Advisory Body-2 Times per year

* Organizational chart and processes:-- Copy enclosed

III. NAME OF THE AFFILIATING UNIVERSITY:

ACHARYA NAGARJUNA UNIVERSITY, GUNTUR, AP.

IV. . Governance Members of the Board of Governors (BOG) as per UGC

S.No	Name of the Member of BOG	Position in the BOG
1	Sri Shaik Mohammad Alladdin	President
2	Sri. Shaik Hasan Ahmad	Vice-President
3	Sri. Abdul Samad	Secretary & Correspondent
4	Sri. Abdul Ahad	Executive Member
5	Sri Mohammad Haneef	Member
6	Sri. Shail Mohammad Shareef	Member
7	Sri. Shaik Moula Saheb	Member
8	Sri Patan Imam Khan	Member
9	Dr. Srinivasa Reddy	Advisor- Dean,ANU

Members of Academic Advisory Body:

S.No.	Name	Designation
1	Dr. SYED UMAR	Principal
2	Dr.U. MOULALI	Vice-Principal
3	Dr. SUBRAMANYA SARMA	HOD-ECE

Nature and Extent of involvement of faculty and students in academic affairs/ improvements

The strength and validity of this institution essentially depends on its ability to sustain itself on the bedrock of quality, excellence and relationships and governance. To achieve this, we rely on our faculty and the staff, their abilities attitudes, morale, the professional ethos, and their unwavering commitment and involvement, their cooperation with the Institute administration between members of the Department and inter-departmental cooperation and synerzgizing their talents, efforts and services functioning as energetic nerve-centres of academic ferment and thereby ensuring, innovative inspiring

and supportive academic environment for enabling the students, to pursue their educational, career and professional goals.

It is in the said context, and keeping in view the primary objective of extensive and effective involvement of the faculty, to carry out a wide range of student-centric and student friendly activities, and programmes, focusing on curricular, co-curricular, extracurricular activities, and finally aiming at the holistic personality development of students, number of committees have been constituted, involving all the faculty members at all the levels, while also including the nonteaching staff, as co-opted members and involving the students participation.

Mechanism/Norms & Procedure for democratic/good Governance

It is at the threshold of this millennium, in the year 2009; HMKS & MGS COLLEGE OF ENGINEERING was sponsored and established by KHAJA GAREEBUN NAWAZ Society, a minority, very progressive, dynamic and visionary management, with excellent academic track record. This institution is recognized by All India Council for Technical Education approved by Government of Andhra Pradesh state and affiliated to Acharya Nagarjuna University. The vision, Mission and the quality policy and the quality objectives are as indicated in the annexure enclosed herewith.

The Governance of the institution is strictly in accordance with the vision, mission, and Quality policy statements of this management and the norms standards, systems and practices laid down and various executive directions issued by AICTE, ANU, Government of Andhra Pradesh state Council for Higher Education and such other related regulating Government agencies. As per the policies evolved and directions issued by the Governing body and the executive body and other management committees of this Institute, various institutional programs and activities are carried-out, while complying with the rules, systems, procedures and practices as laid down by the management.

The Principal is responsible for the academic, general and financial administration besides the all-round development of the institution, discipline among all the faculty, staff and students, besides their welfare. The Principal is ably assisted by the HOD's, Joint Director (HR), Training & Placement Officer in charge of various functional units and the administrative staff besides the committed contribution of all the conveners and officers in charge of various committees constituted (list enclosed). for carrying out student centric and student friendly activities, placement and training, industry institution interaction, consultancy and R & D activities.

Administrative Manual is prepared while clearly defining and stipulating recruitment policies, service rules, leave rules administrative systems and practices including grievance redressal procedures etc. The Finance manual has been prepared and all the financial transactions are made, complying with the systems, norms, procedures and practices, laid down in the said manuals. The performance appraisal of teaching staff including the feedback by the students, and the feedback of the students about the

Governance of the institution are being administered, analyzed and the needed remedial measures are initiated.

Decentralization of the institutional activities is ordered while also delegating the academic administrative and financial powers, to tone up the functional efficiency, duly fixing and defining the duties, responsibilities answerability and accountability of all concerned from the level of the Principal to the lowest level of employee, in the official hierarchy

Student Feedback on Institutional Governance/faculty performance

Student feedback on Institutional Governance

All the outgoing final year students are supplied with a prescribed format,(at the time of receiving “ No Objection Certificate “) designed for obtaining the feedback on the Institutional Governance as approved and decided upon by the college Academic Committee (A Copy of the format is enclosed herewith).

The detailed summary and analysis of the Feedback of all the outgoing students is recorded and documented. In the meetings of the college Academic Committee Members and the Heads of the Departments, the deficiencies, inadequacies and short comings indicated about the institutional governance and suggestions made by the said outgoing students if any, will be earnestly discussed and necessary corrective measures will be evolved for effective implementation.

Student feedback on Faculty performance

Student Feedback on faculty performance is done once in a semester on a day preferably at the end of the semesters, on the day of last examination.

The students of a class attending on the particular day, fixed for administrating the feedback process, are asked to assemble in a room and are supplied with a prescribed format, Say format -1 (as approved and decided by the college Academic Committee) to obtain students feedback on the performance of all the faculty in the respective subjects taught by them during semester under consideration.

The feedback form contains a certain number (10) of points of feedback and each such feedback point carries a certain maximum weightage (4) and thus each subject carries the score of 40.

This process will be administrated by a senior responsible staff (duly appointed by the Principal/HOD) other than the concerned subject teachers. The students shall not write their names or Roll numbers on the feedback form. The summary and analysis of the feedback of all the students present on the day will be recorded in a format, say Format-II. The percentage of score in each subject secured by a staff is computed by using the formula: Total Marks secured /No. of students x 40. The total score secured by all the teachers in all the subjects handled will be recorded in format-

III. (A copy of the latest assessment of faculty by the students feed back in the prescribed format is enclosed herewith.

The details of the score of the students' feedback are communicated to the respective subject teachers, advising & counseling the faculty for improved performance by the Principal/ Head of the Department. In the event of a staff, securing less than the desired and stipulated percentage of score necessary remedial and corrective measures will be initiated, including arranging for Training intervention in pedagogical, subject updating and such other areas related to strengthening, teaching learning process.

Grievance Redressal mechanism for faculty, staff and students

Grievance Redressal Committees have been constituted separately in respect of faculty, staff and students, with senior faculty / staff as Chairman & Members of the respective committee, as given below.

Name of the Cell	Officer Incharge	Member
Cell to deal with Redressal of Faculty Grievances	Dr. U.Moulali, HOD, CSE.	Mr. G. Sunil, CSE.
Cell to deal with Redressal of Grievances of Non Teaching Staff	Dr. Subramanya Sarma, HOD,ECE.	Mr. Sk. Farooq, AO.
Cell to deal with Redressal of Grievances of Students	Dr. K. Kondaiah, Associate Professor,CSE.	Mr. A. Neel Kamal, CSE.
Cell to deal with Redressal of Grievances of Women	Mrs. Penumala Kamala, HOD- EEE.	Mrs. A Pavani, MECH.

The aggrieved individual (Faculty/staff/student) shall indicate the details of his/her grievance in a prescribed format (designed for the purpose) and submit the same to the Principal, who in turn will refer the same to the Chairman of the concerned redressal committee.

The Grievance of the individual will be given fair and reasonable opportunity to be heard in detail before the Chairman and other members of the concerned Committee, in a peaceful and conciliatory environment depending upon the issue and if need be, appropriate evidence in the form of a material evidence or personal witness may be introduced by the aggrieved person.

The Chairman of the Committee, in consultation with the other member(s) will submit the report to the Principal, at the earliest possible time.

The Principal in turn, depending upon the nature, magnitude and jurisdiction of the issue, will arrange for the appropriate and early measure of redressal of grievance, under the direction of the management and the same will be communicated to the 'aggrieved person'. All the proceedings of the grievance mechanism will be suitably documented and recorded.

V.PROGRAMMES:

Name of the Programmes approved by the AICTE

Application submitted for accreditation B.Tech (ECE, CSE, EEE, MECH, CIVIL). And it is under process.

For each Programme the following details are to be given:

Fee : **Rs.35,500/- per annum for a student allotted by EAMCET Coordinator,**

Rs.35,500/- per annum for a student admitted under Management quota

Placement facilities:

We are in touch with Organizations like M/s. Infosys, Cognizant Technologies, Wipro Technologies, Satyam Computers, L&T InfoTech, M/s Virtusa, GTL Ltd, Computer Science Corporation, Cognizant Technology, and other reputed Organizations and they have included our college in their list of recruitments. Apart from Placement Activities, we are preparing the Students on Soft Skills also. We have an MOU with M/s. Globarena, who have provided the Software for communication skills. We have CD's for Aptitude Tests, Psychometric Tests etc., so that the Students can get trained on them. We have also established a lab for Aptitude and Technical skills learning by the Students so that they can fare well in the Interviews. Also we are conducting in house soft skills training programme as part of their curriculum.

ORIENTATION TOWARDS INTERVIEWS :

We are organizing workshops by some of the well known Institutions like T.I.M.E and Visu International to provide an understanding to the Students on how Group discussions and Interviews take place. Also we are organizing Interactive sessions with H.R Executives of some top Companies like M/s.POLARIS LABS LIMITED, Wipro Technologies etc. Recently, we organized a Seminar on prospects in IT Industry by M/S.CMC Education Centre. We are also giving emphasis on Entrepreneurship Development and we arranged Lectures on this subject and we are also interacting with JNTU Entrepreneur Cell for this.

INDUSTRIAL VISITS :

We are in touch with Industries like BHEL, ARM, ECIL, RANE ENGINE VALVES, VIJAI ELECTRICALS, APSEB etc., for Industrial visits for the Students, so that they will have practical Orientation. We are also arranging industrial tours along with Departments.

PRINCIPAL

Dr Syed Umar has around Sixteen years of experience across industry and academia, in roles like researcher, entrepreneur, consultant and professor. His insightful experience has helped the institution to gain appreciations in many areas. His areas of research spans across multiple domains and aims to model the decision system of the human mind. He is currently guiding several scholars in their doctoral research in the areas of image processing, network security and Internet-Of-Things. He is also an expert faculty teaching undergraduate and postgraduate students in multiple domains of Computer science & Engineering . Dr. Sanjay has obtained his Doctoral Degree from A.P State University.

Technical Competencies

Taking theoretical and practical classes in Computer Engineering and related subjects, and providing satisfactory answers to questions / doubts raised by students. Recognising, respecting & nurturing potential / talent in all students. Providing guidance and mentoring to all students. Facilitating the inculcation and maintenance of a healthy learning atmosphere inside the classroom, fostering better learning among students.

All India Council for Technical Education (AICTE) Compliance Reports, University Affiliation Process. National Board of Accreditation (NBA), National Assessment and Accreditation Council (NAAC), ISO Certification, Local Inspection Committee (LIC), Facts Finding Committee (FFC). Dr. Syed Umar has forty published research articles in reputed national, international journals, represented as chair and Co-chair in various conferences and international conference.

Professional Affiliations

1. Life Member in Society of Computer Society of India.
2. Life Member in The International Association For The Engineers And The Computer Scientists India .
3. Life Member in Society of Digital Information and Wireless Communications.
4. Life Member in World Academy of Science, Engineering and Technology.
5. Life Member in Society of Artificial Intelligence India.
6. Life Member in Society of Computer Science India.
7. Life Member in Society of Internet Computing and Web Services India.
8. Life Member in Society of Information System Engineering India.
9. Life Member in Society of Scientific Computing India.
- 10 Life Member in Society of Software Engineering India.
11. Life Member in Society of Wireless Networks India.
12. Life Member in Society of Imaging Engineering India

Principal's message:

I, Dr. SYED UMAR, Principal, feels proud to be associated with **HMKS & MGS COLLEGE OF ENGINEERING** established by **KHAJA GARIB NAWAZ EDUCATIONAL SOCIETY** which is serving minority and non-minority students for more than one decade in the

field of Engineering & Technology, Diploma by bringing a number of technical engineers to the nation and world. It gives me immense pleasure to welcome you to the creative world of HMKS&MGSCCE which has very eco-friendly campus and is equipped with state-of-art infrastructure. Campus having well equipped labs, workshops and libraries which enables in helping students in attaining highest standards in academics, research and professional skills. The campus has adequate sports infrastructure to take care of Sports and recreational activities. The college is excelling towards meeting its vision of becoming centre of excellence in the field education in Engineering and Technology. The prime focus of the Institution is to empower students with sound knowledge, wisdom, experience and training both at the academic level of Engineering and in the highly competitive global industrial market. The infrastructure facilities and state-of-the-art equipment combined with a galaxy of competent, talented, qualified and dedicated faculty contribute to an enjoyable and an easy learning experience. Happy to quote the campus is working towards implementing Outcome Based Education System (OBES). The Life skills program has been initiated to all the students in which the modules of training focuses in all round development of the students and enable them to become industry ready product and employability. Many global companies are recruiting the students from the campus after high appreciation which shows strength of the college in nurturing young engineers.

Name : Dr.Syed Umar

Date of birth: 02.06.1979 **Age:** 38 Yrs

Academic Qualification:

Degree	Institution / University	Year	Class	Specialization
Ph. D	Dravidian University (state)	Feb-2017 Awarded	-	Computer science
M.Tech	JNTUH	2008	First	CSE
B.Tech	JNTUH	2003	Second	ECE
Intermediate	BOI	1999	First	MPC
SSC	BSE	1996	First	-

EMPLOYMENT DETAILS:

Sl. No.	Name of the Organization/Institution	Designation	From	To
1.	CMRCET Hyderabad	Professor	16-12-2017	Till Date
1	MLR Institute of Technology	Professor	JUNE-2016	NOV-2017
2	KL UNIVERSITY	Assoc.Professor	Nov2012	APRIL-2016
3	NIMRA College of Engg. & Tech.	Assoc. Professor	July-2008	Nov-2012
4	NIMRA College of Engg. & Tech.	Asst. Professor	June-2003	April-2006

Experience: 14 Yrs
Professional
Achievements:
Awards/Honours/recognitions

Achievements:

1. 2017-18 **Best Researcher** Award received from "IDHAYAM CHARITABLE TRUST". Madurai, Tamilnadu.
2. 2017-18 **Best Professor** Award received from "IDHAYAM CHARITABLE TRUST". Madurai, Tamilnadu.

PUBLICATION :

Syed Umar, "A Proposal for Black hole Attacks in MANETS" Paper published in **SPRINGER** ISSN: 1876- 1100 2016. Vol.84. No.1.

Syed Umar, "Analysis of Genetic Algorithm for Effective power Delivery and with Best Upsurge"
Paper published in Advances in Intelligent Systems and Computing **SPRINGER** ISSN: 2194-5357 2016.

Syed Umar ". **Design Of Jitter Spectral Shaping As Robust With Various Oversampling Techniques In OFDM.**" Paper accepted in International Conference On Smart Computing & Informatics (Sci-2017) 3 - 4 March 2017.

Syed Umar ". **Design of Rivalize and Software Development to convert RDB to RDF**" Paper accepted in International Conference On Smart Computing & Informatics (Sci-2017) 3 - 4 March 2017.

Syed Umar "**SER Algorithm for Mobile Clients For Data Push[Read-Write] From Server Database**" Paper accepted In International Conference On Smart Computing & Informatics (Sci-2017) 3 - 4 March 2017.

Syed Umar, "Notification of Data congestion Intimation [NDCI] for IEEE 802.11 Adhoc Network with Power Save mode " Paper published in **SPRINGER** Conference "Smart Innovation, Systems and Technologies Series Editors: Howlett, Robert James, Jain, Lakhmi C.

Syed Umar, " Synergistic Protection for Distributed intrusions- Brief case study of PIS systems " Paper published in **SPRINGER** Conference " the International Conference on Computational Intelligence and Informatics-2017(ICCI-2017) will be held during 25th-27th September 2017 at JNTU, Hyderabad.

Syed Umar " **Watermarking technology in QR code with various attacks**" Paper accepted In International Conference On advances in Intelligent Systems and Computing book series (AISC, volume 584) Springer Nature Singapore Pte Ltd. 2018 Print ISBN 978-981-10-5698-7 .

Syed Umar "**Cognitive networked redemption operational conception and devising (CNROCD)**" Paper accepted In advances in Intelligent Systems and Computing book series (AISC, volume 584) Springer Nature Singapore Pte Ltd. 2018 Print ISBN 978-981-10-5698-7 .

IEEE-DIGITAL LIBRARY International Journal Publications: (IEEE Conference Publication)

Using WAN Aggrandizement explication to remove defects in TCP Performance in AD-Hoc Network " [Syed Umar](#) Paper Published in 2nd International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronic Systems Society.

<https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&contentType=conferences&queryText=2018%20ICISC>

Securities and threats of Cloud Computing and Solutions " [Syed Umar](#) Paper Published in 2nd International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronics Systems Society".

<https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&contentType=conferences&queryText=2018%20ICISC>.

Challenges for the preliminary technological development in the Health Network System of wireless sensors " [Syed Umar](#) Paper Published in 2nd International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronic Systems Society".

<https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&contentType=conferences&queryText=2018%20ICISC>

WSN based Alter system to save life in Mines with High Security System " [Syed Umar](#) Paper Published in 2nd International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronics Systems Society".

<https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&contentType=conferences&queryText=2018%20ICISC>

Hypothecation of electronic commerce system with Hybrid encryption methodology (HEM)

[Syed Umar](#) 2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) Year: 2016 Pages: 2926 2929, DOI: [10.1109/ICEEOT.2016.7755234](https://doi.org/10.1109/ICEEOT.2016.7755234)

Ghost analogy detections in processing of image.

[Syed Umar](#) 2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) Year: 2016 Pages: 2648 2651, DOI: [10.1109/ICEEOT.2016.7755174](https://doi.org/10.1109/ICEEOT.2016.7755174)

Design and analysis of amplitude and divergence scheme for solving broadcast storm issues

[Syed Umar](#) 2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) Year: 2016 Pages: 2116 2118, DOI: [10.1109/ICEEOT.2016.7755063](https://doi.org/10.1109/ICEEOT.2016.7755063).

"VANET for leveraging for caching network content distribution " [Syed Umar](#) Paper Accepted in International Conference on Intelligent Computing and Control Systems (ICICCS 2017) is being organized on **15-16, June 2017** by The **Vaigai College Engineering (VCE), Madurai, India** at Melur, Madurai - 625 122.

"Overview of the new bioinformatics virus goes from the front of next generation sequencing in Genomics based on Data mining " [Syed Umar](#) Paper Accepted in International Conference on Intelligent Computing and Control Systems (ICICCS 2017) is being organized on **15-16, June 2017** by The **Vaigai College Engineering (VCE), Madurai, India** at Melur, Madurai - 625 122.

Scopus-Index International Journal Publications:

Syed Umar, **“An Authentication of Significant Security for Accessing Password through Network System”** Paper published in **International Journal of Applied Engineering Research** ISSN 0973-4562 Volume 12, Number 12 (2017) pp. 3130-3133

Syed Umar, **“Modeling of Resource Allocation in OFDMA systems with Multiple Handover Stations”** Paper published in **International Journal of Applied Engineering Research** ISSN 0973-4562 Volume 12, Number 12 (2017) pp. 3130-3133

Syed Umar, **“Discrete cosine transform with LBP based New fusion of SVT for Face Recognition”** Paper published in *International Journal of Control Theory and Applications* Vol. 4, No. 3, April 2017.

Syed Umar, **“Classification of Fuzzy Rule Based Order-Statistic Filters for Colour Images ”** Paper published in *International Journal of Control Theory and Applications* Vol. 4, No. 3, April 2017.

Syed Umar, **“Hybrid Cryptography for Random-key generation based on ECC algorithm”** Paper accepted in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 JAN- 2017.

Syed Umar, **“Designing of Dynamic Re-clustering Leach protocol for calculating total residual time and performance ”** Paper ACCEPTED in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 JAN-2017.

Syed Umar, **“Cognitive Networked Redemption Operational Conception and Devising (CNROCD)”** Paper published in Indonesian Journal of Electrical Engineering and Computer Science Vol. 4, No. 3, march 2017,

Syed Umar, **“Attacks of Denial-of-Service on Networks layer of OSI Model and Maintaining of security”** Paper published in Indonesian Journal of Electrical Engineering and Computer Science Vol. 4, No. 3, march 2017,

Syed Umar "AES and ECC based Cryptography for Random-key generation." Paper accepted In International Conference on Innovative Research in Engineering and Science (IRES 2017) Feb- 2017.

Syed Umar, **“VMM based Secured Virtualization in Cloud-Computing”** Paper published in Indonesian Journal of Electrical Engineering and Computer Science Vol. 4, No. 3, December 2016, pp. 643 ~ 648 DOI: 10.11591/ijeecs.v4.i3.pp643-648.

Syed Umar, **“Designing of Medical Processor unit for Intelligent Network-Based Medical Usage”** Paper published in Indonesian Journal of Electrical Engineering and Computer Science Vol. 4, No. 3, December 2016, pp. 532 ~ 537 DOI: 10.11591/ijeecs.v4.i3.pp532-537.

Syed Umar, **“Perceptive Reckon System with RFID-tag with IEEE 802.15.4 technology”** Paper published THOMSON REUTERS **“International Journal of Computer Science and Information Security”** *IJCSIS* ISSN: 1947-5500

Syed Umar, **“Designing & simulation of Surrounding supporting multicast routing protocol”** Paper published in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 vol 5, no 6 December 2015.

Syed Umar, **“Proposed Potential Security Infrastructure in VANETS using Tamper Registered Hardware”** Paper published in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 vol 5, no 6 December 2015.

Syed Umar, **“Tree Based Energy Balancing routing Protocol by Self Organizing In WSN”** Paper published in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 vol 5, no 6 December 2015.

Syed Umar, **“A Survey of QOS Aware Mac Protocol For Wireless Sensor Network”** Paper published in International Journal of Applied Engineering Research

ISSN 0973-4562 Volume 9, Number 24 (2014) pp. 23579-23589.

Syed Umar, “**A Review of Limitations and Challenges in Wireless Sensor Networks for Environmental Research**” Paper published in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 16 (2014) pp. 3309-3318.

Syed Umar, “**A Review of Limitations and Challenges in Wireless Sensor Networks for Environmental Research**” Paper published in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 16 (2014) pp. 3309-3318.

Syed Umar, “**Secure Efficient Neighborhood Discovery in Wireless Networks**” Paper published in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 10 (2014) pp. 1303-1311.

Syed Umar, “**A Review Of Detection And Prevention Of Wormhole Attacks**” Paper published in JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY (E-ISSN 1817-3195 / ISSN 1992-8645).

Thomson Reuters Indexed International Journal Publications:

Syed Umar “**Imminent accession of Artificial Intelligence based Forensic Exploratory with Data Mining Analysis**” Paper published in (ICSE) International Journal of Computer Sciences and Engineering e-ISSN:2347-2693 | Volume 1 | Issue 3|.March-2017

Syed Umar “**Delineation of Arboricultural Surveillance with Mobile Media**” Paper published in (IJIET) International Journal of Innovations in Engineering and Technology ISSN:2319-1058 | Volume 1 | Issue 1 |.Janvery -2017

Syed Umar “**Cross-layered Exploit Intensification Architecture for Manet's to Share resources Effectively to Nodes.**” Paper published in (IJIET) International Journal of Innovations in Engineering and Technology-ISSN:2319-1058 | Volume 1 | Issue 1 |.Janvery -2017

International Journal Publications

Syed Umar “A Review of Issues and Challenges in Wireless Technology” Paper published in (IJSRSET) International **Journal of Scientific Research in Science, Engineering and Technology** © 2015 IJSRSET | Volume 1 | Issue 3 | Print ISSN: 2395-1990 | Online ISSN: 2394-4099 Themed Section: Engineering and Technology.

Syed Umar “**Sensor Scheduling of Nodes Using Cluster Head Mechanisms [Ssnch]**” Paper published in (IJESM) International **Journal of Engineering Sciences & Management**, Volume: 3 Issue: 4, 2015, ISSN: **2277-5528**. MAY 2015. Impact Factor: 2.745 (SIJF).

Syed Umar, “**Architectural Design of D2H Medicare**” Paper published in (ijritcc) **International Journal on Recent and Innovation Trends in Computing and Communication**, Volume: 3 Issue: 4, 2015, ISSN: 2321-8169. MAY 2015.

Syed Umar, “**Implementing Intelligent Monitoring Techniques in Agriculture Using Wireless Sensor Networks**” Paper published in (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (4) , 2014, 5797-5800. July 2014.

Syed Umar, “**A Study on Web Services Security**” Paper published in International Journal of Computer Science Engineering and Technology (IJCSET) | July 2014 | Vol 4, Issue 7,235-237. July 2014.

Syed Umar, “**Security Design Issues in Distributed Databases**” International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS) Vol 5(2) 2279-0047. July 2014.

Syed Umar, “**A Study on Data Storing Mechanism in Data Warehouse for E-Commerce Applications**” International Journal of Software and Web Sciences (IJSWS) Vol 5(2) 2279-0063. July 2014.

Syed Umar, “**Heterogeneous Data Exchanged over the Internet and Intranets using XML Formats**” International Journal of Software and Web Sciences (IJSWS) Vol 5(2) 2279-0071. July 2014.

Syed Umar, “**The Survey of Congestion Control Protocols for Smart Transport System**” Paper published in International Journal of Innovative Research in Computer and Communication Engineering (*An ISO 3297: 2007 Certified Organization*) Vol. 2, Issue 7, July 2014.

Syed Umar, “Development of a Data Warehouse for Cancer Diagnosis and Treatment Decision Support” Paper published in Int J Engg Techsci Vol 5(3) 2014, 22 - 26.

Syed Umar, “A Review of Security Mechanisms for Detection of Malicious Transactions in Database” Paper published in / (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (3) , 2014, 3047-3051.

Syed Umar, “Transversal Design for Wireless Sensor Networks Using Security Enhanced Key” Paper published in International Journal of Computer Science Engineering and Technology(IJCSET) | May 2014 | Vol 4, Issue 5,171-175.

Syed Umar, “Detection of Faulty Sensor Nodes in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and Technology(IJCSET) | May 2014 | Vol 4, Issue 5,179-189.

Syed Umar, “A Study on Data Sharing in the Cloud Using Distributed Accountability” Paper published in International Journal of Computer Science Engineering and Technology (IJCSET) | May 2014 | Vol 4, Issue 5,148-152.

Syed Umar, “A Study on Mining for Semantic Web Personalization ” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | March 2014 | Vol 4, Issue 3,63-67.

Syed Umar, “A Review of 3G-WLAN Interworking” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | March 2014 | Vol 4, Issue 3,50-55.

Syed Umar, “A Review of I-SEAD Routing Protocol for Mobile Ad Hoc Networks ” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | January 2014 | Vol 4, Issue 1, 21-24.

Syed Umar, “A Review of Wireless Sensor Networks: Attacks and Countermeasures Paper published in International Journal of Computer Science Engineering and technology IJCSET, | December 2013 | Vol 3, Issue 12, 466-473.

Syed Umar, “A Review of Lightweight Security Mechanism for ATM Networks. Paper published in International Journal of Computer Science Engineering and technology IJCSET, December 2013 | Vol 3, Issue 12, 449-453.

Syed Umar, “A Review of Low Cost Object Tracking System” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | November 2013 | Vol 3, Issue 11, 423-426.

Syed Umar, “A Review of One-Pass Key Establishment Model and Protocols for Wireless Roaming.” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | November 2013 | Vol 3, Issue 11, 416-422.

Syed Umar, “Classification of Routing Protocols in Wireless Ad hoc Networks Paper published in International Journal of Computer Science Engineering and technology IJCSET, | November 2013 | Vol 3, Issue 11, 396-401.

Syed Umar, “A Review of Ant Colony based Routing Algorithm in Wireless Ad-hoc Networks Paper published in International Journal of Computer Science Engineering and technology IJCSET, | November 2013 | Vol 3, Issue 11, 396-401.

Syed Umar, “A Study on Data Security in MANETS” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | November 2013 | Vol 3, Issue 11, 396-401.

Syed Umar, “A Review of Energy Conservation in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | OCT 2013 | Vol 3, Issue 1, 21-24

Syed Umar, “A Study on High Data Rate WLAN” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | SEPT 2013 | Vol 3, Issue 1, 21-24

Syed Umar, “A Study on Pollution Monitoring system in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | SEPT 2013 | Vol 3, Issue 8, 291-296.

Syed Umar, “A Study on Scalable Routing Protocol for Ad Hoc Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |SEPT 2013 | Vol 3, Issue 8, 291-296.

Syed Umar, “A Review of APTEEN in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |SEPT 2013 | Vol 3, Issue 8, 291-296.

Syed Umar, “A Study on Secure Routing in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |August 2013 | Vol 3, Issue 8, 291-296.

Syed Umar, “A Review of QoS in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |August 2013 | Vol 3, Issue 8, 273-278.

Syed Umar, “A Study on ASCENT in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |August 2013 | Vol 3, Issue 8, 267-272.

Syed Umar, “A Study on Detecting Wormhole Attack in Wireless Ad hoc Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, July 2013 | Vol 3, Issue 6, 201-210.

Syed Umar, “A Study of Data Interception in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, July 2013 | Vol 3, Issue 7, 239-243.

Syed Umar, “The Impact of War Driving On Wireless Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET T |June 2013 | Vol 3, Issue 6, 230-235.

Syed Umar, “Spoofing Attacks in wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, June 2013 | Vol 3, Issue 6, 201-210

Syed Umar, “A Review of Online Rogue Access Point Detection” Paper published in International Journal of Computer Science Engineering and technology IJCSET, May 2013 | Vol 3, Issue 5, 177-182.

Syed Umar, Dr K.R.R.Mohana Rao, Soma Ambedkar Borugadda “Applying Ambient Intelligence to Industrial Storage” Paper published in International Journal of Computer Science Engineering and technology IJCSET, April 2013, Vol 3, Issue 3, page 144 – 148.

Publications in National/International Conference Proceedings

- Participated and presentation in a Two day 2nd International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronic Systems Society.
<https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&contentType=conferences&queryText=2018%20ICISC>
- Participated and presentation in a Two day 2nd International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronic Systems Society
<https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&contentType=conferences&queryText=2018%20ICISC>.
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<https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&contentType=conferences&queryText=2018%20ICISC>

- Participated and presentation in a Two day 2nd International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronic Systems Society <https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&contentType=conferences&queryText=2018%20ICISC>
- Participated and presentation in a Two day **National Conference on Knowledge based Inventive Telecommunication Systems 2017**“Signal, Image and Information Technology for Medical Telemetry” NCKITS – 2017, 16th - 18th March 2017 **Organized** by department of electronics and communication engineering.
- Participated and presentation in a Two day International Conference on Innovative Research in Engineering and Science (IRES 2017) **Organized by Department of Computer Science and Engineering ANITS College of Technology, Visakhapatnam, India Feb-2017.**
- Participated and presentation in a Two day 1st International Conference on Smart Computing & Informatics (SCI-2017) **Springer SIST Organized by Department of Computer Science and Engineering ANITS College of Technology, Visakhapatnam, India Nov 03th & 04th, 2017.**
- Participated and presentation in a Two day 3rd International Conference on Computer & Communication Technologies (IC3T-2016) **Organized by Department of Computer Science and Engineering DVR & Dr HS MIC College of Technology, Vijayawada, India Nov 05th & 06th, 2016.**
- Participated and presentation in a Two day 3RD International Conference on "Emerging Technologies in Computer Science and Engineering **ICETCSE-2016**" *Organized by Department of CSE & IT V.R SIDDHARTHA Engineering College, Andhra Pradesh, India. October 17th & 18th, 2016.*
- Participated and presentation in a Two day International Conference on "**Micro-Electronics, Electromagnetic and Telecommunications ICMEET-2015**" *Organized by Department of Electronics and Communication Engineering GITAM University, Visakhapatnam, Andhra Pradesh, India. December 18th & 19th, 2015.*
- Participated in two day National conference on “**Advanced Embedded Technics**” *conducted by Department of ECM, KL University, on 19th June to 20th June 2015.*
- Participated in a Two day National workshop on “**Intellectual Property Rights and Scholarly Publishing Tools for Quality Research**” *conducted by Central Library, KL University from 9th to 10th May,2015.*
- Participated in a Two day National Workshop on “**Enterprise Big Data Analytics**” *conducted by Knowledge Engineering Research Group of CSE, KL University from 9th to 10th February, 2015.*
- Participated in a Two day National Workshop on “**Robofeast-2014**” *conducted by KLU-GYE (Globe of Young Engineers), KL University from 15th to 16th March,2014.*

- Syed Umar, Mohammed Ali Hussain and Md. Ali Mirza “ **A New Approach to Generate Simplified Decision Trees Based on Principal Component Analysis**”, paper Accepted in National Seminar on Recent Trends in Information and Communication Technology (RTICT 2011), organized by DEPARTMENT OF COMPUTER SCIENCE, held on January 7-8, 2012 at KRISHNA UNIVERSITY, A.P., India.
- Syed Umar, Md.Ali Hussain and Md. Mastan, “**Quality of Service Issues in Wireless Ad-Hoc Network (IEEE 802.11B)**”, National Conference on Electronics & Communication, at Karma veer Adv.Baburao Ganpatrao Thakare College of Engineering, Nasik, 2010.
- Syed Umar and Md.Ali Hussain and Md.Mastan, “**A Survey on Quality of Service (QoS) for IEEE 802.11e Wireless LANs**”, National Conference on Information and Communication Technology, at New Horizon College of Engineering, Bangalore, 2010.
- Syed Umar, Md.Ali Hussain and Md.Mastan, “**Congestion Avoidance and Control Mechanisms in Computer Networks**”, 4th National Conference on Recent Trends in Communication, Electronics & Information Technology, at CMR Institute of Technology, Bangalore, 2010.
- Syed Umar, Md.Ali Hussain and Md.Moulana, “**A Survey on Performance Analysis of IEEE 802.11 Non-Saturated DCF**”, Paper Accepted in National Conference on Information and Communication Technology (NCICT), at New Horizon College of Engineering, Bangalore, May 2011, India.
- Syed Umar, Mohammed Ali Hussain, K. Kiran Kumar, “**The New Dynamic Network Selection Methodology for the Wireless Heterogeneous Networks**”, UGC Sponsored 2-Day National Seminar on "Impact of Information Technology on Rural India (NSITRI-2011) held at KBN College, Vijayawada during July 8th & 9th, 2011.

Seminars/Workshops/Staff Development Programs Attended

- Two Day Faculty Development Programme on “ **Network Programming & Unified Modeling Language**” on 3rd & 4th of Dec’2010 in Association with TCS, Hyderabad, Organized by Department of CSE, at Narasaraopeta Engineering College, Narasaraopet, Guntur Dist, A.P., India.
- One Day National Workshop on “**Mathematical Logic and Applications**” Organized by Department of Mathematics, at V.R. Siddhartha Engineering College, Vijayawada.
- One Day Seminar on “**Emerging Software Engineering Paradigms**” at P.B.Siddhartha College of Arts & Science in Association with Computer Society of India.
- Ten Days Staff Development Programmed Sponsored by AICTE on “**Wireless Network**” conducted at Vignan University, Guntur.
- Two Days Workshop on “**Parallel Computing**” by Prof. V. Kamakoti, IIT Chennai, Conducted by Indian Association for Research in Computing Science (IARCS) at P.B Siddhartha College of Arts & Science., Vijayawada.
- National workshop on “**Android**” by KL University, Vaddeswaram in association with CSI & KMS of Konaru Chapter on 17th March 2011.
- Attended a National Workshop on "**Soft Computing**" Organized by Department of Computer Science, Adikavi Nannaya University, and Rajahmundry on Jan 27th 2012.
- Attended One Day Workshop on "**Rough Sets in Soft Computing**" Organized by Department of Computer Applications, Prasad V. Potluri Siddhartha Institute of Technology (AUTONOMOUS), with Association of Indian Society for Rough Sets & IEEE Technical Committee on Soft Computing, Vijayawada held on September 22nd 2012.

- Two Day Workshop on "**Wireless communication & sensor networks** " , on 7st &8 March-2014, Organized by Sensor Networks Research Group, Dept. of ECM, KL University, Guntur, A.P., India.
- Two Day Workshop on "**Wireless sensor networks vis-a-vis Sensor Web Enablement**" on 23st &24 May-2013, Organized by Sensor Networks Research Group, Dept. of ECM, KL University, Guntur, A.P., India.

International Journal's editorial board Member

- International Journal of Engineering technology and management research.
- **International Journal of Innovative Research in Technology & Science**
- **Global Journal of Engineering Science and Researches (GJESR).**
- SK International Journal of Multidisciplinary Research Hub.
- The International Journal of Scientific Research in Science, Engineering and Technology (**IJSRSET**).
- **International Journal of Engineering Research & Science (IJOER).**
- **International Journal of Engineering and Innovative Technology (IJEIT) .**
- International Journal of Electronics Communication and Computer Engineering
- **International Journal of Engineering Technology And Management Research (IJETMR)**
- International Journal of Industrial Electronics and Control [**IJIEC**]
- International Journal of Computer Science and Software Engineering (**IJCSSE**)
- International Association of Scientific Innovation and Research (**IASIR**)
- International Journal of Advanced Research in Computer Science & Technology [**IJARCST**].
- **International Journal of Computer Science Engineering and technology (IJCSET).**
- **International Journal of Engineering and Techno science" (IJETs).**
- **International Journal of Electronics and Communication Engineering (IJECE).**
- [International Research Publication House.](#)
- International Journal of Applied Engineering Research (IJAER).
- American Research Journals
- Journal Of Computer Science Engineering.
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International Journal's Technical Review Member

- International Journal of Computer Science and Information Security (IJCSIS).
- International Journal of Advanced Computer Technology
- Science Solve for Scientific Research Publishing
- Technical Review Member, International Journal of Computer Science & Information Technology (IJCSIT).
- International Journal of Advanced Research in Computer Science & Technology [**IJARCST**].
- Universal Association of Computer and Electronics Engineers. (UACEE)
- International Association of Computer Science and Information Technology (IACSIT).
- International Multi Conference of Engineers and Computer Scientists (IMECS).
- International Association of Engineers (IAENG).
- The Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (ICST).

- Technical Review Member, International Journal of Advanced Computer Science and Applications (IJACSA).
- Technical Review Member, Journal on Wireless and Mobile Communication (JWMC).
- Technical Review Member, The International Arab Journal of Information Technology (IAJIT).

Papers Presented in Conference, Seminars, Workshops, Symposia (92)

Time schedule for payment of fee for the entire programme.

At the time of Admission into first year, fee shall be paid at the time of admission at EAMCET counseling camp.

During the subsequent years i.e. 2nd, 3rd & 4th fee is collected in lump-sum at the very beginning of the academic session. However in deserving cases payment of fee in 2 installments per year is permitted.

No. of Fee waivers granted with amount and name of students.

Fee waivers were granted in respect of the following students and detailed as below.

-The only candidate who has applied for waiver was granted.

Number of scholarships offered by the institute, duration and amount

Waiver of fee, for those who apply on grounds of poverty

Criteria for fee waivers/scholarship.

For economically backward and academically bright students, fee waivers are granted.

Estimated cost of boarding and Lodging in

Hostels.

The cost varies between Rs.3000/- to Rs.3500/-per month.

Duration & No. of seats:

S.No.	Name	Number of seats	Duration
UG (B.Tech)			
1	EEE	60	4 years
2	MECH	60	4 Years
3	ECE	60	4 Years
4	CSE	60	4 Years
5	CIVIL	60	4 Years
DIPLOMA (2nd SHIFT)			
1	EEE	60	3 Years
2	CIVIL	60	3 years

The entire admission allotment process include receiving applications from the aspiring candidates is undertaken by the Convenor EAMCET in respect of B.Tech Programme, Convenor (PGCET) in respect undertaken by the Convenor EAMCET in respect of B.Tech Programme, Convenor (SBTET in respect of DIPLOMA Programmes and the details of applications received etc are not available at these office.

The Admission procedure in respect of seats under convener quota as well as management quota (NRI) is in accordance with the procedures laid down by APSCHE. -A copy of Rules, conditions and procedures is enclosed herewith.

Starting the academic session is as per the declaration of commencement of the academic year by the affiliating University.

In respect of cancellation of a seat during the period of the counseling, till the last date of last phase of counseling – cancellation fee is levied on the students at the rate of Rs.3,500/- in respect of all the candidates other than SC,ST candidates and in respect of SC,ST students the cancellation fee is Rs.1,500/- and the remaining fee paid will be refunded by the Convenor in the respect Camps of EAMCET and SBTET Admissions.

Mention the admission test being followed, name and address of the Test Agency and its URL (website). Convenor,

EAMCET Website : <https://eamcet.apsche.ac.in/>

(under Govt. of AP) Chairman of EAMCET- Admission & EAMCET-Examinations is the Chairman of Andhra Pradesh State Council for Higher Education.

Number of seats allotted to different Test Qualified candidates separately [AIEEE/CET (State conducted test/University tests)/Association conducted test]

As per G.O.Ms.No.53, Higher Education, dated 10.05.2006, the following are the details of seats allotted to Convenor quota and Management quota. (Copy of the G.O. enclosed)

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S.No.	Name of the Programme	Sanction Intake
UG		
B.Tech.		
1	Electrical Engineering	60
2	Mechanical Engineering	60
3	Electronics & Communication Engineering	60
4	Computer Science Engineering	60
5	Civil Engineering	60
DIPLOMA		
M.Tech.		
1	Electronics & Communication Engineering	60
2	Civil Engineering	60

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Number of applications received during last Five years for admission under Management Quota and number admitted.

No. of seats earmarked for Convenor quota equal to 70% of total intake sanctioned in

No. of seats earmarked for Management quota equal to 30% of total intake sanctioned in each programme.

Calendar for admission against management/vacant seats:

XI. CRITERIA AND WEIGHTAGES FOR ADMISSION

- Describe each criteria with its respective weight ages i.e. Admission Test, marks in qualifying examination etc.
- Mention the minimum level of acceptance, if any.
- Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years.
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted.

Admissions are done strictly in accordance with the conditions laid down in the relevant Government Orders

Item No I - XI must be given in information brochure and must be hosted as fixed content in the website of the Institution.

The Website must be dynamically updated with regard to XII–XV.

XII. Application Form :

Downloadable application form, with online submission possibilities.

XIII. LIST OF APPLICANTS

List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile score for Management quota seats.

The admission process in respect of Management quota seats is carried out strictly in accordance with the conditions laid down in the relevant Government orders.

The list of the candidates along with percentage score will be placed on the website shortly.

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XIV. ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS

- Composition of selection team for admission under Management Quota with the brief profiles of members (This information be made available in the public domain Chairman-Secretary after the admission process is over) Principal

- Score of the individual candidates admitted arranged in order of merit.
- List of candidates who have been offered admission.
- Waiting list of the candidates in order of merit to be

List of the candidates who joined within the date, vacancy position each in category before operation of waiting list

XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE LIBRARY:

- Number of Library books/Titles/Journals available (All programme-wise) :
- List of online National/International Journals subscribed:

Online access to IEEE, IEEE Computer Society and ACM transactions.

E-Library facilities : Available

LABORATORY:

For each Laboratory

- List of Major Equipment/Facilities : Copies enclosed
- List of Experimental Setup : Copies enclosed

COMPUTING FACILITIES:

Number Systems and Configuration of Systems – 200 Nos with I3 & Dual Core Processor

Total number of systems connected by LAN & WAN 150 & 50

- Internet Leased line with a Bandwidth of 30 Mbps & 10 Mbps BSNL Broadband total is 40 Mbps available 24hours for staff & student.
- Major software packages available List enclosed
- Special purpose facilities available Project Development Center English Language Lab E-Class room with LCD Projector, T.V., Computers, etc.

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LIBRARY Details:

S. No.	Particulars	Availability	
1.	No. of Titles of the books (*)	4500	
2.	No. of Volumes of the books (*)	15800	
3.	No. of Journals	National	20
		International	46
4.	Seating Capacity	150	
5.	Reprographic Facility	Available	

WORKSHOP: List of facilities available.

Games and Sports Facilities:

I. Indoor facilities		
1	Chess	
2	Caroms	for Men & Women
3	Table Tennis	

<u>SPORTS FACILITIES AVAILABLE IN COLLEGE CAMPUS :</u>		
1	Volley Ball	
2	Shuttle Badminton	
3	Bal Badminton	for Men
4	Cricket	
5	Foot Ball	
6	Tenikoit	for Women
7	Throw Ball	for Women
8	Ball Kabadi	for Women

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II. Outdoor facilities III. Weight Tiring Hall

- 1 Dumbles
- 2 Bench press
- 3 Inclinor Bench press
- 4 Deliver bench press
- 5 Free plates & Rods

IV. Separate Sportsroom for Ladies

1. Table Tennis
2. Caroms for Women
3. Chess

V. Track and feed

1 200m Track. 2 Long Jump pit 3 Javelin sector 4 Shot put Sector 5 Discuss throwing Sector 6 Relay events

Extra Curriculum Activities Preparation of CDs, Avishkar in house newsletter, cultural activities etc.

- **Soft Skill Development Facilities** Available
- **Number of Classrooms and size of each**
- **Number of Tutorial rooms and size of each** Rooms -80, Class Room size :for B.Tech classes 66 Sqm, for M.Tech classes 27.5 Sqm
- **Number of laboratories and size of each** 25 Nos. -
- **Number of drawing halls and size of each** 2Nos. -209+ 207 sqm
- **Number of Computer Centres with capacity of 2 No. -190sqm each**
- **Central Examination Facility, Number of rooms and 2 Rooms of each 162sqm one room of 66 Sqm. for academic section, different class rooms and drawing hall conducting examinations available.**
- **Teaching Learning process Audio visual, E-classroom, Internet Lab, arranging Guest lectures. Curricula and syllabi for each of the programmes as approved by the University**
- Copies enclosed
- **Academic Calendar of the University - Copies enclosed**
- **Internal Continuous Evaluation System and place**

- Continuous evaluation of the students is primarily based on two vital aspects, viz (a) the marks secured by the student in the Average of the 2 Mid term examinations in respect of 1st year, II, III & IV year classes, (b) Percentage of monthly/fortnightly attendance of the students.
- The data in (a) & (b) are summarized, analyzed and recorded.
- Further the learning attitude and the class room response of the students during lecturing, tutorial, drawing, laboratory classes as well as their approach, preparedness and the sincere approach in project training etc., are being closely examined to assess the students learning attitude and skills. Prescribed formats as approved by the College Academic Committee to record and document the above referred continuous evaluation system. Format-1 (data related to mid term examinations, attendance, student counseling along with the remarks of Counsellor, HOD, Principal & Secretary) and format-II (consolidated attendance) are placed on the website.

Continuous of evaluation form is enclosed

- Students' assessment of Faculty, System is in place: **Yes, student feedback format is enclosed.**

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