

SESHADRI RAO
GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356

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Minutes of the 23rd Meeting of the Academic Council held on 11-07-2024, Thursday through online (Microsoft Teams).

Members Joined:

Sl. No.	Name of the Member	Designation	User Action	Timestamp
1	Dr. Burra Karuna Kumar Principal	Chairman	Joined	11/07/2024, 02:39:15 PM
2	Dr. A. H. L. Swaroop Associate Professor & Head, Dept. of CE	Member	Joined	11/07/2024, 02:49:17 PM
3	Dr. A. Amarendra Professor & Head, Dept. of EEE	Member	Joined	11/07/2024, 03:00:13 PM
4	Dr. K. Ch. Kishor Kumar Professor & Head, Department of ME	Member	Joined	11/07/2024, 02:52:58 PM
5	Dr. B. Rajasekhar Professor & Head, Department of ECE	Member	Joined	11/07/2024, 02:39:15 PM
6	Dr. M. Babu Rao Professor & Head, Department of CSE	Member	Joined	11/07/2024, 02:59:58 PM
7	Dr. D. N. V. S. L. S. Indira Professor & Head, Department of IT	Member	Joined	11/07/2024, 03:11:03 PM
8	Dr. Y. Adilakshmi Professor & Head, Dept. of CSE (AI&ML)	Member	Joined	11/07/2024, 03:00:53 PM
9	Dr. K. Srinivas Professor & Head, Dept. of AI&DS	Member	Could not joined	---
10	Dr. Y. Syamala Professor & Head, Dept. of IoT	Member	Joined	11/07/2024, 02:53:20 PM
11	Dr. G. Kamal Assistant Professor & Head, Dept. of MBA	Member	Joined	11/07/2024, 02:44:02 PM
12	Dr. S. Suresh Assoc. Professor in Physics & Head, BS&H	Member	Joined	--
13	Dr. G. Raja Kumar Asst. Prof. & Head, Department of English	Member	Joined	11/07/2024, 02:47:26 PM
14	Dr. S. Narayana Professor of CSE & Head (I/c), AI&DS	Member	Joined	11/07/2024, 02:47:18 PM
15	Dr. K. Syam Sundar, Professor of ME & CoE	Member	Joined	11/07/2024, 03:01:31 PM
16	Mr. M. N. Hari Krishna Training and Placement Officer	Member	Joined	--
17	Dr. P. Ravindra Babu Professor of ME & Advisor to the Management (Principal's Nominee)	Member	Joined	11/07/2024, 02:43:21 PM
18	Dr. M. Kamaraju Professor of ECE, Director (AS&A) (Principal's Nominee)	Member	Joined	11/07/2024, 03:02:02 PM
19	Dr. P. Kodanda Rama Rao Professor of CE & Vice Principal - Administration (Principal's Nominee)	Member	Joined	11/07/2024, 02:42:50 PM
20	Mrs. Ch. Sujatha Assoc. Professor of EEE (Principal's Nominee)	Member	Joined	11/07/2024, 02:49:06 PM
21	Mr. Ch. Rambabu Assoc. Prof. of ECE (Principal's Nominee)	Member	Joined	11/07/2024, 02:58:51 PM



Sl. No.	Name of the Member	Designation	User Action	Timestamp
22	Dr. K. Lal Kishore Director, R&D, CVR College of Engineering, Hyderabad, Former Vice – Chancellor, JNTUA, Ananthapur, Former Rector, JNTUH, Hyderabad (<i>Governing Body Nominee</i>)	Member	Joined	11/07/2024, 02:58:06 PM
23	Dr. D. V. L. N. Somayajulu Director, National Institute of Technology Manipur, Langol, Imphal-795004, Manipur (<i>Governing Body Nominee</i>)	Member	Joined	11/07/2024, 02:57:44 PM
24	Mr. Sailendra Meduri Technical Lead & Program Manager, L&T Technology Services, Chennai (<i>Governing Body Nominee</i>)	Member	Joined	11/07/2024, 02:44:47 PM
25	Dr. Ramanujam Parthasarathy Professor of English, G3, Sreeja Apartments, Srinivasa Nagar Bank Colony, Vijayawada. (<i>Governing Body Nominee</i>)	Member	Could not joined	--
26	Sri Ramesh Babu Alajangi Founder & CEO, Ramesh's Aerospace Products & Services Private Limited, L. K. Towers, Roy Nagar, Gannavaram - 521 101. (<i>Governing Body Nominee</i>)	Member	Joined	11/07/2024, 03:00:46 PM
27	Dr. K. Venkata Reddy Professor of EEE, and Director (I/c), Academic & Planning, JNTUK, Kakinada, (<i>Affiliating University Nominee</i>)	Member	Joined	11/07/2024, 02:39:55 PM
28	Dr. B. Balakrishna Professor of ME, UCEK, Kakinada Director of Evaluation, JNTUK, Kakinada, (<i>Affiliating University Nominee</i>)	Member	Joined	11/07/2024, 02:58:21 PM
29	Prof. M. Nageswara Rao Professor of EEE, UCEK, JNTUK, Kakinada, (<i>Affiliating University Nominee</i>)	Member	Joined	11/07/2024, 03:00:30 PM
30	Dr. M. R. Ch. Sastry Prof. of ME & Vice Principal – Academics	Member Secretary	Joined	11/07/2024, 02:39:55 PM

23.01 To confirm the minutes of the 22nd Meeting of the Academic Council held on 09-05-2024.

Resolution: The Minutes of the 22nd Academic Council meeting held on 09-05-2024 have been confirmed.

23.02 To present the action taken report on the minutes of the 22nd Academic Council Meeting.

The following suggestions were made by the Members of the Academic Council

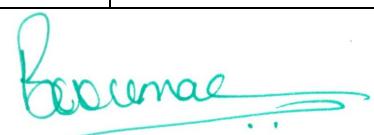
Agenda & Minutes	Action Taken
<p>22.01 To confirm the minutes of the 21st Meeting of the Academic Council held on 26-08-2023.</p> <p>Resolution: The Minutes of the 21st Academic Council meeting held on 26-08-2023 have been confirmed.</p>	-
<p>21.2 To present the action taken report on the minutes of the 21st Academic Council Meeting.</p>	-



<p>22.03 To review and ratify the Semester End Examination results of the examinations conducted after 21st Academic Council meeting.</p> <p>The Academic Council reviewed the Semester End Examination results (Regular & Supplementary) of B.Tech, M.Tech and MBA from August 2023 to April 2024 for the academic year 2023-24 and ratified.</p>	<p>The list of ratified results was submitted to the university for further processing.</p>
<p>22.04 To review and ratify the list of eligible students for the award of B.Tech / M.Tech / MBA degree.</p> <p>The Academic Council reviewed and approved the eligible students for the award of B.Tech / B.Tech (Hons) / B.Tech with Minor Degree Provisional Certificates - Class of 2024 for the academic year 2023-24. Also, approved the eligible students for graduation qualified in supplementary examinations of B.Tech / MBA.</p>	<p>Submitted the list of eligible students for the award of B.Tech / B.Tech(Hons) / B.Tech with Minor degree Provisional Certificates PC). Issued PCs to the eligible students on 23-06-2024 except B.Tech(Hons) / B.Tech with Minor degree.</p>
<p>22.05 Any other item with the permission of the Chair.</p> <p>a) Review and approve the option of selecting substitute/ alternative subjects for MOOCs in case students have taken supplementary examinations.</p> <p>The principal briefed the council members that:</p> <ul style="list-style-type: none"> ➤ In accordance with the regulations outlined in R20 (applicable to batches admitted in 2020, 2021, and 2022), students pursuing a B.Tech degree are required to successfully complete an online course (MOOCs) in addition to their regular coursework. This additional requirement must be fulfilled between the II B.Tech 2nd semester and IV B.Tech I semester. ➤ It is mandatory for students to finish this online course prior to the announcement of results for the IV B.Tech I semester examination and to submit the certificate of course completion to their respective departments. Failure to do so will result in the student being considered as having appeared for supplementary examinations. ➤ If the original subject for which the student registered for regular exams is available during supplementary exam registration, the student can opt for the same subject for the supplementary exams with the approval of the respective BOS. ➤ In cases where the subject registered for regular exams are not offered during supplementary examination registration, students may choose a substitute subject in place of the original subject, subject to the approval of the respective BoS. Dr. K. Venkata Reddy, DAP, JNTUK suggested to consider MOOCs courses like edX along with NPTEL. <p>The council examined the issue and endorsed the principal's suggestion.</p>	<p>---</p>



<p>b) Review and approve the templates of Provisional Certificates for Honor / Minor degree.</p> <ul style="list-style-type: none"> ➤ The principal briefed the council members on the process of issuing provisional certificates to students by the college. He also presented the proposed templates for provisional certificates for Honor / Minor degree programs, as suggested earlier by the university officials. ➤ Dr. B. Balakrishna, DE, JNTUK mentioned the establishment of a university committee to create PC templates for Honor / Minor programs. The university is going to release the approved templates soon for compliance. ➤ Dr. K. Venkata Reddy, DAP, JNTUK suggested that Honor certificates should mention specializations, as per the R23 regulations. He also pointed out that for Honor programs, specifying the division awarded is unnecessary as an honor degree itself signifies a first-class distinction. Additionally, he mentioned that JNTUK will introduce specializations in Honor programs and tracks in Minor programs in R23 regulations. Students must earn an extra 18 credits for the honor / minor degrees, following the R23 regulations. ➤ In conclusion, it was decided to follow the templates provided by JNTUK for issuing PCs for honor / minor degrees. 	<p style="text-align: center;">---</p>
<p>a) To present the report submitted by the committee constituted to propose logical and sustainable framework of strategies and mechanisms to address student diversity, self learning, enhancing research culture and effective implementation of features of NEP-2020.</p> <ul style="list-style-type: none"> ➤ The Principal informed the council members that in the month of December, a committee was established with Dr. K. Syam Sundar, Prof. of ME & CE as the chairman, along with Dr. A. Jawahar Babu, Dr. Y. Ramakrishna, and Mrs. Ch. Sujatha as members, to address various academic concerns as given in the agenda point. ➤ The committee engaged with department heads, students, Alumni and other stakeholders on various occasions to compile a report for submission to the principal, addressing the diverse academic issues. The committee submitted a report in the month of April, providing recommendations after examining multiple crucial areas aimed at enhancing the educational experience at our institution. <p>He presented the committee's recommendations to the council members. Finally, the principal sought the council members' opinions on the committee's recommendations. The council members appreciated the college's efforts in enhancing research culture and addressing student diversity. They advised the principal to meticulously plan the implementation of these recommendations and design a proper mechanism to track progress in adopting these strategies. Also advised to communicate the progress in council meetings.</p>	<p style="text-align: center;">---</p>
<p>b) To present a report on academic and other important activities of the college since the 21st Academic Council meeting.</p> <p>The principal presented a concise overview of the various academic and extracurricular activities conducted in the college since the last Academic Council (AC) meeting.</p>	<p style="text-align: center;">---</p>



<ul style="list-style-type: none"> ➤ In conclusion, the principal invited the council members to discuss any additional matters they wished to address. ➤ Dr. K. Lalkishore praised the principal's detailed presentation and advocated for the continuation of such initiatives in the future. ➤ Dr. B. Balakrishna expressed satisfaction with the current situation and found no further topics requiring discussion. ➤ Dr. K. Venkata Reddy expressed that there were no additional points needing discussion. ➤ Dr. K. Padma Priya noted that there were no points to discuss. ➤ Dr.D.V.L.N Somayajulu expressed appreciation for the college's activities and encouraged the principal to maintain these efforts in the future. He also mentioned that as a part of AICTE-QIP-PG certificate program in emerging arears to address the gap in faculty expertise and to ensure effective teaching with latest technologies and skills, IITDM, Kurnool is going to launch a certification program in Internet of Things (IOT).Completing this course makes faculty eligible to teach CSE related branches students. He advised the principal to encourage the faculty of SRGEC to apply for this program once the notification is issued. ➤ Mr. Sailendra advised the principal to focus on enhancing the regularity of student attendance in classes. He also highlighted the behaviour of the current students and proposed implementing effective strategies to increase student attendance, along with conducting additional counselling sessions to address the students' attitudes. ➤ To conclude the meeting, the principal reiterated institution's commitment to implement the suggestions presented by the members in the future and thanked all participants for their active involvement. 	
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23.03 To consider and approve the Course Structures and Syllabi of II B.Tech of R23 Curriculum effective from the academic year 2024-25.

The Member Secretary presented the course structures and syllabi of Second Year UG-B.Tech Program from the academic year 2024-25 recommended by the Boards of Studies of various departments.

Resolution: The Academic Council discussed and approved the course structures offered in R23 Regulations of II Year B.Tech. The approved Course Structure is given as *Annexure – I* (See page No.12).

23.04 To nominate two subject experts and a representative from industry / corporate sector / allied area relating to placement on the Boards of Studies of the respective departments.

The following members from the Academia and Industry are nominated to the Boards of Studies of various departments for the academic years 2024-25, 2025-26 and 2026-27.



i) Department of Civil Engineering

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. Venu Chandra	Professor	Department of Civil Engineering Indian Institute of Technology Madras, Chennai 600036. Tamil Nadu, India e-mail ID: vc@iitm.ac.in, vc@civil.iitm.ac.in, Mobile:8754510588	Member (Subject Expert)
2	Dr. M. Chandra Sekhar	Professor & Director	Department of Civil Engineering Director-RGUKT, Nuzvid, Administrative Block (I-3), Mylavaram Road, Nuzvid, Krishna District-521 202. e-mail: mcs@nitw.ac.in, director@rguktn.ac.in, Mobile:9908132001	Member (Subject Expert)
3	Sri Guraja Srinivasa Rao	Chief Engineer	Saipem India Projects Private limited H.No - 4, Subiksha Sai, No - 186 Bhubaneswar Nagar, 2nd Cross St, Velachery, Chennai-600042 e-mail: raoguraja@yahoo.com, Mobile: 98480082770	Member (Represent ative from Industry)

ii) Department of Electrical and Electronics Engineering

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. T. Narsa Reddy	Associate Professor	School of Electrical Sciences, IIT Bhuvanewar, Bhuvanewar - 751013 e-mail: tummuru@iitbbs.ac.in Phone: 7807119519	Member (Subject Expert)
2	Dr. V. T. Somasekhar	Professor (HAG)	Department of Electrical Engineering, National Institute of Technology, Warangal - 506004, Telangana. e-mail: sekhar@nitw.ac.in, Phone: 8332969284	Member (Subject Expert)
3	Mr. K. Ramesh Naidu	Head of Operations	Apply Volt, 3-3, Sri Nilayam, 40-6, second floor, Moghalrajpuram, Sidhartha Nagar, Labbipet, Vijayawada, Andhra Pradesh 520010. Mobile: 90009 00485 e-mail: krn@applyvolt.com	Member (Represent ative from Industry)

iii) Department of Mechanical Engineering

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. D. Venkaiah	Associate Professor	Department of Mechanical Engg., IIT, Tirupathi e-mail ID: venkaiah@iitp.ac.in, Mobile: 9441933382	Member (Subject Expert)
2	Dr. G. R. K Sastry	Professor	Department of Mechanical Engg., NIT, AP e-mail ID: grksastry@nitandhra.ac.in, Mobile: 9490107949	Member (Subject Expert)



3	Mr. Mahaboob Bhasha Shaik	Assistant Executive Engineer	Dr. Narla Tatarao Thermal Power Station, Ibrahimpatnam, Vijayawada e-mail: bhashasep24.301@gmail.com, Mobile: 9493121334	Member (Representative from Industry)
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iv) Department of Electronics and Communication Engineering

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. P. Sreehari Rao	Professor	Department of Electronics and Communication Engineering National Institute of Technology Warangal, Warangal – 506 004. e-mail : patri@nitw.ac.in, Mobile: 8332969357	Member (Subject Expert)
2	Dr. V. Anil Kumar	Associate Professor	KCIS 1st Floor, LTRC, Speech processing lab, IIIT Hyderabad, Hyderabad – 500032. Phone: 8500727346 E-Mail: anil.vuppala@gmail.com	Member (Subject Expert)
3	Dr. K. Solomon Raju	Chief Scientist & Professor, AcSIR Head	ICT Division, CSIR-National Aerospace, Laboratories, Post Bag No. 1779, HAL Airport Road, Kodihalli, Bengaluru-560017. e-mail: srkotanal@gmail.com, Mobile: 9460842188	Member (Representative from Industry)

v) Department of Computer Science and Engineering

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. Vikram Pudi	Professor	Data Sciences and Analytics Center (DSAC), Department of Computer Science and Engineering, International Institute of Information Technology Hyderabad, Prof. C. R. Rao Road, Gachibowli, Hyderabad - 500 032. e-mail: vikram@iiit.ac.in, Mobile: 9849059842	Member (Subject Expert)
2	Dr. N. Rukma Rekha	Associate Professor	University of Hyderabad, School of Computer & Information Sciences, SCIS, Central University P.O., Hyderabad - 500 046, Telangana e-mail ID: rukmarekha@uohyd.ac.in, Mobile: 9885333934, 040-23134113	Member (Subject Expert)
3	Mr. Rambabu Karnena	AWS Lead Consultant - Databases	AMAZON, Jairaj, Road Number 2, Financial District, Nanakaramguda – 500032, Telangana. Mobile:810 658 3987, e-mail ID: rambabukarnena@gmail.com	Member (Representative from Industry)

vi) Department of Information Technology

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. Ramakrishna Upadrasta	Associate Professor	Computer Science & Engineering, Heritage Science & Technology. Indian Institute of Technology Hyderabad, Kandi-502284, Sangareddy, Telangana, e-mail: ramakrishna@cse.iith.ac.in, Phone No. (040) 2301-6358	Member (Subject Expert)

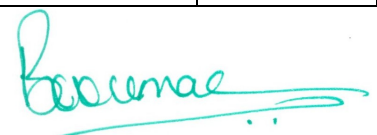
2	Prof. K. V. Kadambari	Associate Professor	Department of Computer Science & Engg. National Institute of Technology, Warangal - 506004, Telangana, INDIA e-mail ID: kadambari@nitw.ac.in Mobile: 9705460461	Member (Subject Expert)
3	Mr. Naga Sai Krishna Pamidikondala	Cloud Solution Architect	Azure Data & AI Microsoft, E2-808, SMR Vinay Estella, M S Palya, 3rd Main Rd, Singapura Paradise, Vidyaranyaपुरa, Bengaluru-560097, Karnataka. Mobile: (91)-9243400108 e-mail ID: nskpamidikondala@gmail.com,	Member (Representative from Industry)

vii) Department of CSE (Artificial Intelligence and Machine Learning)

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. M. V. Panduranga Rao	Professor	Department of Computer Science and Engineering, Indian Institute of Technology Hyderabad, Main road, Kandi, Sangareddy, Telangana -502285, e-mail:.mvp@cse.iith.ac.in, Mobile: +91 9573593617	Member (Subject Expert)
2	Prof. Ch. Sudhakar	Professor	Department of Computer Science & Engg. National Institute of Technology Warangal, Fathimanagar, Warangal, Telangana - 506004. e-mail: chapram@nitw.ac.in, Mobile: +91 9440647945	Member (Subject Expert)
3	Dr. C. Ramakristanaiah	Senior Project Engineer	C-DAC Hyderabad, Plot No. 6 & 7, Hardware Park, Sy No. 1/1, Srisailam Highway, Keshavagiri Post, Via, Pahadi Shareef, Hyderabad, Telangana-501510 e-mail: cramakristanaiah@cdac.in, Mobile: 8328438880	Member (Representative from Industry)

viii) Department of Artificial Intelligence and Data Science

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. Ch. Sobhan Babu	Associate Professor	Department of Computer Science, Indian Institute of Technology Hyderabad, IITH Main Road, Near NH-65, Sangareddy, Kandi, Telangana 502285 e-mail: sobhan@iith.ac.in, Mobile: 9652674123	Member (Subject Expert)
2	Dr. Sridhar Chimalakonda	Associate Professor	Department of Computer Science & Engg. Indian Institute of Technology, Tirupati, Chindepalle, Andhra Pradesh-517619. e-mail: ch@iittp.ac.in Mobile: 9490705384	Member (Subject Expert)
3	Ms. Sri Sravani Puttagunta	IT Analyst	TATA Consultancy Services, TCS Deccan Park, Plot Rd Number 1, Software Units Layout, HITEC City, Hyderabad, Telagana-500081 e-mail: puttaguntasrisravani@gmail.com Mobile: 8977242424	Member (Representative from Industry)



ix) Department of Intent of Things

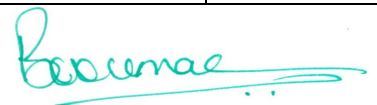
Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr. P. Ranga Babu	Associate Professor	Department of Electronics and Communication Engineering, IIITDM, Kurnool e-mail ID: p.rangababu@iiitk.ac.in, Mobile: 8837225547	Member (Subject Expert)
2	Dr. Rajeev Kumar	Assistant Professor	Dept. of Electronics and Communication Engineering, IIIT, Sri City, Chittoor, A.P. e-mail ID: rajeev.kr@iiits.in , Mobile: 7337327780	Member (Subject Expert)
3	Mr. Arvapally Bharadwaj	CEO	AB TechVille, 1st floor, 12/p, Marri Ram Reddy colony, New Bowenpally, Secunderabad, Telangana, 500011 e-mail: bharadwaje753@gmail.com, Mobile: 8499827888	Member (Representative from Industry)

x) Department of Master of Business Administration

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Prof. V. Krishna Mohan	Professor	Department of Commerce and Management Studies Andhra University, Visakhapatnam e-mail: vkmohan1958@gmail.com, Mobile: 98482-89827	Member (Subject Expert)
2	Dr. R. Siva Ram Prasad	Professor and Head	Dept. of Commerce and Management Studies, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur. e-mail: raminenisivaram@yahoo.co.in Mobile: 9849856589	Member (Subject Expert)
3	Sri Venkata Raghunadh Nerella	CEO	M/s Akshay Food Impex Pvt. Ltd, Challapalli Road, Pamarru, Andhra Pradesh 521157. e-mail: contactnerella@gmail.com Mobile: 9848863999	Member (Representative from Industry)

xi) Department of Basic Sciences and Humanities

Sl. No.	Name	Designation	Institute / University / Organization	Position
Mathematics				
1	Prof. Chidella Srinivasa Rao	Professor	Department of Mathematics, IIT Madras, Chennai. e-mail ID: chsrao@iitm.ac.in, Mobile: 9791073784	Member (Subject Expert)
2	Dr. Muthu Poosan Moopanar	Associate Professor	Department of Mathematics, NIT, Warangal e-mail ID: pm@nitw.ac.in, Mobile: 833296945	Member (Subject Expert)



Physics				
1	Dr. Tumu Venkatappa Rao	Professor	Department of Physics National Institute of Technology, Warangal - 506004, Telangana, INDIA, Mobile: 9248667047 e-mail ID: tvraokmm@nitw.ac.in, tvraokmm@gmail.com, tvraokmm@yahoo.co.in	Member (Subject Expert)
Chemistry and Environmental Studies				
1	Dr. Pandu Brahmaji Rao	Associate Professor	Department of Environmental Science, Acharya Nagarjuna University, Guntur Mobile: 9441924560, e-mail ID: drbrahmajirao@gmail.com	Member (Subject Expert)

xii) Department of English

Sl. No.	Name	Designation	Institute / University / Organization	Position
1	Dr B Karuna	Professor	Acharya Nagarjuna University, Guntur, Andhra Pradesh e-mail ID: karuna4anu@gmail.com, karab@rediff.com, Mobile: 9849167661	Member (Subject Expert)

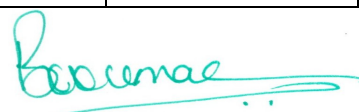
23.05 Any other item with the permission of the Chair.

i) To present the details of faculty secured admission into AICTE QIP-PG Certificate Program.

Principal and Chairman of Academic Council presented the details of AICTE-QIP PG Certificate program and details of 16 faculty members secured AICTE-QIP PG Certificate admission in identified institutions like IITs, IIITs in different emerging areas, like Machine Learning, Internet of Things, Artificial Intelligence and Data Science, Block Chain & Cyber Security, Block Chain & Data Science, etc.

List of faculty got admission:

Sl. No.	Name of the Faculty	Dept.	Course Name	Name of the Institution	Sponsored Status
1	Dr. A H L Swaroop	CE	ML	IIT Raichur	Self Sponsored
2	Dr. A. Srinivasulu	CE	Block Chain & Cyber Security	IIIT, Kalyani, West Bengal	Sponsored by AICTE
3	Ms. Ch. Trinayani	EEE	ML	IIIT Surat	Sponsored by AICTE
4	Smt. Shaik Rizwana	EEE	AI & ML	IIIT Nagapur	Sponsored by AICTE
5	Dr. K. Kalyan Raj	EEE	IOT	IIITDM, Kurnool	Sponsored by AICTE
6	Dr. A. Amarendra	EEE	Block Chain & Data Science	IIT, Patna	Sponsored by AICTE
7	Dr. M. R. Ch. Sastry	ME	ML	IIIT Raichur	Self Sponsored
8	Dr. K. Ch. Kishor Kumar	ME	ML	IIIT Raichur	Self Sponsored
9	Mr. D. Kiran Prasad	ME	ML	IIIT Raichur	Self Sponsored



Sl. No.	Name of the Faculty	Dept.	Course Name	Name of the Institution	Sponsored Status
10	Dr. J. Ranga Babu	ME	AI & DS	IIT Kottayam	Self Sponsored
11	Dr. G. Prabhakar Rao	ME	AI & ML	IIT Nagapur	Self Sponsored
12	Mr. B. V. S. Raghu Vamsi	ME	ML	IIT Raichur	Sponsored by AICTE
13	Dr. P. Tejo Murthi	ME	AI & DS	IIT Kottayam	Sponsored by AICTE
14	Dr. G. Karuna Kumar	ME	IOT	IIT Design and Manufacturing Kurnool	Sponsored by AICTE
15	Dr. G. V. Jagadeesh	ME	AI & ML	IIT Nagapur	Self Sponsored
16	Dr. S. Ravi	ECE	High Performance Computing	C-DAC Pune	Sponsored by AICTE

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B. S. Ramesh

Annexure - I

Approved Course Structure of II Year of UG – B.Tech Program for R23 Regulations

I) Civil Engineering

II Year - I Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1	BA4501	Managerial Economics and Financial Analysis	HM	2	-	-	2
2	CE4504	Surveying	ES	3	-	-	3
3	CE4505	Strength of Materials	PC	3	-	-	3
4	CE4506	Fluid Mechanics	PC	3	-	-	3
5	CE4507	Surveying Lab	PC	-	-	3	1.5
6	CE4508	Strength of Materials Lab	PC	-	-	3	1.5
7	DT4501	Design Thinking & Innovation	ES	1	-	2	2
8	CE4509	Building Planning and Drawing	SEC	-	1	2	2
9	EN4501	Environmental Science	Audit	2	-	-	-
Total:				14	1	10	18

II Year - 2nd Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1	MA4508	Numerical Techniques and Statistical Methods	BS&H	3	-	-	3
2	UH4501	Universal Human Values – Understanding Harmony and Ethical Human Conduct	BS&H	2	1	-	3
3	CE4510	Engineering Geology	ES	3	-	-	3
4	CE4511	Concrete Technology	PC	3	-	-	3
5	CE4512	Structural Analysis	PC	3	-	-	3
6	CE4513	Hydraulics & Hydraulic Machinery	PC	3	-	-	3
7	CE4514	Concrete Technology Lab	PC	-	-	3	1.5
8	CE4515	Engineering Geology Lab	PC	-	-	3	1.5
9	CE4516	Remote Sensing & Geographical Information Systems	SEC	-	1	2	2
10	CE4517	Building Materials and Construction		3	-	-	-
Total:				20	2	8	23

II) Electrical and Electronics Engineering

II Year - 1st Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1	MA4501	Complex Variables & Numerical Methods	BS&H	3	-	-	3
2	UH4501	Universal Human Values–Understanding Harmony and Ethical Human Conduct	BS&H	2	1	-	3
3	EE4507	Electromagnetic Field Theory	ES	3	-	-	3
4	EE4508	Electrical Circuit Analysis-II	PC	3	-	-	3
5	EE4509	DC Machines & Transformers	PC	3	-	-	3
6	EE4510	Electrical Circuit Analysis-II and Simulation Lab	PC	-	-	3	1.5
7	EE4511	DC Machines & Transformers Lab	PC	-	-	3	1.5
8	CE4506	Data Structures Using C	SEC	-	1	2	2
9	EN4501	Environmental Science	Audit	2	-	-	-
Total:				15	2	8	20

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II Year - 2nd Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1	BA4501	Managerial Economics & Financial Analysis	HM	2	-	-	2
2	EC4511	Analog Circuits	ES	3	-	-	3
3	EE4513	Power Systems - I	PC	3	-	-	3
4	EE4514	Induction and Synchronous Machines	PC	3	-	-	3
5	EE4515	Control Systems	PC	3	-	-	3
6	EE4516	Induction and Synchronous Machines Lab	PC	-	-	3	1.5
7	EE4517	Control Systems Lab	PC	-	-	3	1.5
8	CT4515	Python Programming Lab	SEC	-	1	2	2
9	ET4501	Design Thinking & Innovation	ES	1	-	2	2
Total:				15	1	10	21

III) Mechanical Engineering

II Year - 1st Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Numerical Methods and Transform Techniques	BS&H	3	-	-	3
2		Thermodynamics	ES	2	-	-	2
3		Mechanics of Solids	PC	3	-	-	3
4		Material Science and Metallurgy	PC	3	-	-	3
5		Mechanics of Solids and Materials Science Lab	PC	-	-	3	1.5
6		Computer- Aided Machine Drawing	PC	-	-	3	1.5
7		Python Programming Lab	ES	-	-	2	1.0
8		Embedded Systems and IoT	SEC	-	1	2	2
9		Design Thinking & Innovation	ES	1	-	2	2
10		Environmental Science	Audit	2	-	-	-
Total:				14	1	12	19

II Year - 2nd Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Industrial Management	HM	2	-	-	2
2		Universal Human Values– Understanding Harmony & Ethical Human Conduct	BS&H	2	1	-	3
3		Complex Variables, Probability and Statistics	BS&H	3	-	-	3
4		Manufacturing Processes	PC	3	-	-	3
5		Fluid Mechanics & Hydraulic Machines	PC	3	-	-	3
6		Theory of Machines	PC	3	-	-	3
7		Fluid Mechanics & Hydraulic Machines Lab	PC	-	-	3	1.5
8		Manufacturing Processes Lab	PC	-	-	3	1.5
9		Soft Skills	SEC	-	1	2	2
Total:				16	2	8	22

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IV) Electronics and Communication Engineering

II Year - 1st Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Probability Theory and Stochastic Processes	BS&H	3	-	-	3
2		Universal Human Values-Understanding Harmony and Ethical Human Conduct	BS&H	2	1	-	3
3		Managerial Economics and Financial Analysis	HM	2	-	-	2
4		Signals and Systems	ES	3	-	-	3
5		Electronic Devices and Circuits	PC	3	-	-	3
6		Electronic Devices and Circuits Lab	PC	-	-	3	1.5
7		Signals and Systems Lab	PC	-	-	3	1.5
8		Data Structures using Python	SEC	-	1	2	2
9		Environmental Science	Audit	2	-	-	-
Total:				15	2	8	19

II Year - 2nd Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Linear Control Systems	ES	3	-	-	3
2		Switching Theory and Logic Design	PC	3	-	-	3
3		Electromagnetic Waves and Transmission Lines	PC	3	-	-	3
4		Electronic Circuit Analysis	PC	3	-	-	3
5		Analog Communications	PC	3	-	-	3
6		Switching Theory and Logic Design Lab	PC	-	-	3	1.5
7		Electronic Circuit Analysis Lab	PC	-	-	3	1.5
8		Soft Skills	SEC	-	1	2	2
9		Design Thinking & Innovation	ES	1	-	2	2
Total:				16	1	10	22

V) Computer Science and Engineering

II Year - 1st Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Discrete Mathematics & Graph Theory	BS&H	3	-	-	3
2		Universal Human Values-Understanding Harmony and Ethical Human Conduct	BS&H	2	1	-	3
3		Digital Logic & Computer Organization	ES	3	-	-	3
4		Advanced Data Structures & Algorithm Analysis	PC	3	-	-	3
5		Object Oriented Programming Through Java	PC	3	-	-	3
6		Advanced Data Structures and Algorithms Lab	PC	-	-	3	1.5
7		Object Oriented Programming Through Java Lab	PC	-	-	3	1.5
8		Python Programming	SEC	-	1	2	2
Total:				16	2	8	20

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II Year - 2nd Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Managerial Economics and Financial Analysis	HM	2	-	-	2
2		Probability & Statistics	BS&H	3	-	-	3
3		Operating Systems	PC	3	-	-	3
4		Database Management Systems	PC	3	-	-	3
5		Software Engineering	PC	2	1	-	3
6		Operating Systems Lab	PC	-	-	3	1.5
7		Database Management Systems Lab	PC	-	-	3	1.5
8		Full Stack Development-I	SEC	-	1	2	2
9		Design Thinking & Innovation	BS&H	1	-	2	2
10		Environmental Science	Audit	2	-	-	-
Total:				14	2	10	21

VI) Information Technology

II Year - 1st Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Probability & Statistics	BS&H	3	-	-	3
2		Digital Logic & Computer Organization	ES	3	-	-	3
3		Advanced Data Structures & Algorithm Analysis	PC	3	-	-	3
4		Object Oriented Programming Through Java	PC	3	-	-	3
5		Advanced Data Structures & Algorithms Lab	PC	-	-	3	1.5
6		Object Oriented Programming Through Java Lab	PC	-	-	3	1.5
7		Python Programming	SEC	-	1	2	2
8		Design Thinking & Innovation	ES	1	-	2	2
Total:				14	1	10	19

II Year - 2nd Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Managerial Economics and Financial Analysis	HM	2	-	-	2
2		Universal human values – Understanding harmony and Ethical human conduct	BS&H	2	1	-	3
3		Discrete Mathematics & Graph Theory	BS&H	3	-	-	3
4		Operating Systems	PC	3	-	-	3
5		Database Management Systems	PC	3	-	-	3
6		Software Engineering	PC	3	-	-	3
7		Operating Systems & Software Engineering Lab	PC	-	-	3	1.5
8		Database Management Systems Lab	PC	-	-	3	1.5
9		Python with D Jango	SEC	-	1	2	2
10		Environmental Science	Audit	2	-	-	-
Total:				18	2	8	22

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VII) CSE (Artificial Intelligence and Machine Learning)

II Year - 1st Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Probability & Statistics	BS&H	3	-	-	3
2		Artificial Intelligence	ES	3	-	-	3
3		Advanced Data Structures & Algorithms Analysis	PC	3	-	-	3
4		Object Oriented Programming Through Java	PC	3	-	-	3
5		Advanced Data Structures and Algorithms Lab	PC	-	-	3	1.5
6		Object Oriented Programming Through Java Lab	PC	-	-	3	1.5
7		Python programming	SEC	-	1	2	2
8		Design Thinking & Innovation	ES	1	-	2	2
Total:				13	1	10	19

II Year - 2nd Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Optimization Techniques	ES	2	-	-	2
2		Discrete Mathematics & Graph Theory	BS&H	3	-	-	3
3		Universal human values – Understanding Harmony and Ethical Human Conduct	BS&H	2	1	-	3
4		Machine Learning	PC	3	-	-	3
5		Database Management Systems	PC	3	-	-	3
6		Digital Logic & Computer Organization	PC	3	-	-	3
7		Machine Learning Lab	PC	-	-	3	1.5
8		Database Management Systems Lab	PC	-	-	3	1.5
9		Full Stack Development-1	SEC	-	1	2	2
10		Environmental Science	Audit	2	-	-	-
Total:				18	2	8	22

VIII) Artificial Intelligence and Data Science

II Year - 1st Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Discrete Mathematics and Graph Theory	BS&H	3	-	-	3
2		Managerial Economics and Financial Analysis	HM	2	-	-	2
3		Database Management Systems	ES	3	-	-	3
4		Advanced Data Structures and Algorithms Analysis	PC	3	-	-	3
5		Object Oriented Programming Through Java	PC	3	-	-	3
6		Advanced Data Structures Algorithms and Database Lab	PC	-	-	3	1.5
7		Object Oriented Programming through Java Lab	PC	-	-	3	1.5
8		Python Programming	SEC	-	1	2	2
9		Environmental Science	Audit	2	-	-	-
Total:				16	1	8	19

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II Year - 2nd Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Universal human values – understanding harmony and Ethical human conduct	BS&H	2	1	-	3
2		Statistical Methods for Data Science	ES	3	-	-	3
3		Artificial Intelligence	PC	3	-	-	3
4		Introduction to Data Science	PC	3	-	-	3
5		Digital Logic and Computer Organization	PC	3	-	-	3
6		Artificial Intelligence Lab	PC	-	-	3	1.5
7		Data Science Using Python Lab	PC	-	-	3	1.5
8		Full Stack Development-1	SEC	-	1	2	2
9		Design Thinking & Innovation	BS&H	1	-	2	2
Total:				15	2	12	22

IX) Internet of Things

II Year - 1st Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Complex Variables and Probability Distribution	BS&H	3	-	-	3
2		Design Thinking and Innovation	BS&H	1	-	2	2
3		Analog Devices and Circuits	PC	3	-	-	3
4		Introduction to Python	ES	3	-	-	3
5		Signal Processing and Communications	PC	3	-	-	3
6		Analog IC Applications Lab	PC	-	-	3	1.5
7		Signal Processing and Communications Lab	PC	-	-	3	1.5
8		Data Structures Using Python	SEC	-	1	2	2
9		Environmental Science	Audit	2	-	-	0
Total:				15	1	10	19

II Year - 2nd Semester

Sl. No.	Course Code	Name of the Course / Laboratory	Category	No. of Hours per week			Total Credits
				L	T	P	
1		Universal Human Values – Understanding Harmony and Ethical Human Conduct	BS&H	2	1	-	3
2		Managerial Economics and Financial Analysis	HM	2	-	-	2
3		Computer Architecture and Organization	ES	3	-	-	3
4		Electronic Measurements and Instrumentation	PC	3	-	-	3
5		Digital Circuits and Design	PC	3	-	-	3
6		Sensors and Actuators	PC	3	-	-	3
7		Digital IC Applications Lab	PC	-	-	3	1.5
8		Sensors and Actuators Lab	PC	-	-	3	1.5
9		Hardware Description Language	SEC	-	1	2	2
Total:				16	2	8	22

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