





EMPOWERING ENGINEERS ENRICHING FUTURES

CAMPUS RECRUITMENT

2022-2023



About PAT

Placement and Training centre (PAT) is functioning with an aim to mould students to meet the corporate expectations and place them in reputed companies. The centre invites reputed trainers in the field of communication and interpersonal skills to train the students with necessary soft skills required to face the interviews in today's competitive world.

Placement and training centre is instrumental in signing the MoUs with some of the reputed companies like Infosys, Tech Mahindra, NTT Data, Mphasis, TATA Advanced Systems, Cyient, MTE Industries, CISCO, Carence, ARM etc. Through the MoUs, the PAT organizes various technical training and certification programs for students to give edge in present global employment market.

The PAT organizes and coordinates campus placement program to fulfill its commitment of a job to every aspirant. A lively and resolute relationship of the placement centre with corporates across the country resulted in a good placement record both in terms of percentage of eligible students placed and the number of corporates visiting the college. Around 32 core and software companies visit the college every year. The PAT is successful in securing projects and placements for PG students in various reputed MNC's.

The objectives of PAT Centre are:

- F To place final year students in respectable organizations through campus recruitment.
- F To provide industrial training to students during their course of study.
- F To organize lectures, seminars, group discussions, mock interviews etc. for career guidance, entrepreneurship and personality development.
- F To provide information and assistance to students regarding opportunities for self-employment and job opportunities in India and abroad.
- F To provide opportunities for higher studies in India and abroad.
- F To prepare students for competitive examinations like GRE, GMAT, TOEFL, GATE, CAT etc.



Management







Sri Marri Rajasekhar Reddy

Chairman

Sri Marri Rajasekhar Reddy, since his young age has shown great flair in managing and nurturing educational institutions. For him, quality is the way of life. He envisioned a technological revolution and committed himself to establish an institution, to foster technical and higher education. Under his dynamic leadership, IARE is reinforcing its position as an institution of eminence in Hyderabad and beyond

Sri Ch Sathi Reddy

Secretary and Correspondent

Sri Sathi Reddy is a visionary and industrialist. He is a post graduate in Mechanical Engineering from Osmania University. MTE industries, established in 1984 has risen, flourished, and gained international recognition for manufacturing and exporting CNC machines under his leadership. He has also established successful engineering and pharmaceutical institutions. He is one of the co-founders of IARE.

Sri B Rajeshwar Rao

Executive Director & Treasurer

Sri Rajeshwar Rao is an outstanding entrepreneur with more than three decades of experience in spearheading and managing educational as well as private sector enterprises. He is the founder of Sri Rama Nonferrous Foundry and vice chairman of The Kranthi Cooperative Urban Bank Ltd. Since the inception of IARE, he has left no stone unturned to provide the best infrastructure and facilities on a par with the industry standards.

Principal's Message

Dr. L V Narasimha Prasad

PRINCIPAL

Professor of Computer Science and Engineering

Experience: 32 Years

Phone: 9490182900, 9703618753

Email: principal@iare.ac.in

Welcome to IARE!

In the fast-paced ever-growing markets with global outlook, the demand for well-trained multi-skilled engineers and entrepreneurs has augmented. The boom of competition in the industry has increased the standards that define engineering. Institute of Aeronautical Engineering always strives to excel in both technical and managerial areas. Over the past 23 years, our enthusiastic alumni placed in prominent companies have made us proud. With the visit of many leading companies, a significant growth in the placement over the years is observed. We encourage students to go beyond academic knowledge and master life skills. Our students have always set high



benchmarks, competing with students all around the globe. In a short span, we have made a impactful mark in the corporate world.

In line with the institute's vision and mission, we aim at providing excellent academic ambience, student centric teaching-learning process, state-of-the-art infrastructure, highly qualified and experienced faculty, and an overall dynamic and disciplined workplace. To keep pace with the fast-emerging technologies and rapidly changing world around, we instill and nurture leadership qualities in our students.

Wish you a happy learning!

Rankings and Accolades



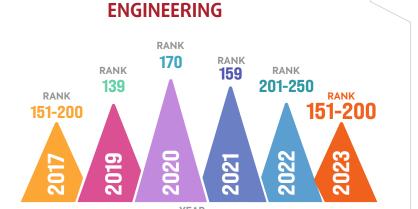


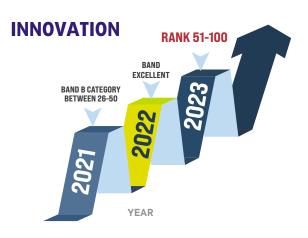
The Institute is consistently finding its position in Engineering rankings of NIRF, as one among the top 200 engineering colleges in the country for the past six years in a row.

In Engineering Category of National Institutional Ranking Framework (NIRF) - 2023, Ministry of Education, Govt. of India, Institute of Aeronautical Engineering is ranked 151-200.

The Institute is consistently finding its position in Innovation rankings of NIRF, as one among the top 100 engineering colleges in the country for the past three years in a row.

In Innovation category of National Institutional Ranking Framework (NIRF) - 2023, Ministry of Education, Govt. of India, Institute of Aeronautical Engineering is ranked 51-100.





THIS ILLUSTRATES POSITIVE PERFORMANCE AND QUALITY STANDARDS WE MAINTAIN IN TEACHING, RESEARCH, EMPLOYABILITY, AND INNOVATION.

IARE's rating as given by the most read and widely acclaimed magazines:

| India Today (54) | Competition Success Review (16)

Times of India (64) | BW Business World (60)

The Week (60) | Data Quest (78)

| Careers360 (AAAA) | Outlook (50)

PAT Centre



Dr. M Pala Prasad Reddy

Placement and Training officer

The placement and training centre of IARE, aims at not only providing training to the students but also nurturing Industry – Institute interaction by involving itself in many activities that provide the students a feel of professionalism. Amongst the numerous activities undertaken by our placement centre, it:

- Involves itself actively with Industry and coordinates campus recruitment activities
- · Organizes summer internships for aspiring students
- Conducts personality development workshops
- Collects feedback regarding the curriculum for keeping pace with the industry trends

IARE remains committed to maintaining and enhancing its already well established goodwill. It also promises to keep bringing glory to this nation. The quality of education and exposure that the students acquire from IARE coupled with soft skills, makes the students confident in facing the challenges of the corporate world. Like a tree, one must find a place to grow and branch out. I hope hard work, sincerity and updated knowledge in their own dolmans, along with soft-skills continue to pave way for our students to find the best places to grow.



Dr. B PadmajaDean, industry and corporate relations

Our biggest strength lies in a proactive learning approach and detailed academic course of action that has prepared the students to do tremendously well in various demanding situations of the business world. We strongly emphasize on polishing their decision making skills which are sought after and looked-for in the organizations these days,

In addition, IARE conducts an exclusive, rigorous placement training program to mentor the students in gaining an upper hand in the placement oriented exams. Areas such as Aptitude, logical & analytical thinking, technical skills, English language & soft skills are covered to enable our students get their dream jobs

The overall learning experience at IARE moulds the students into finely crafted and efficient human resource.

Skill Development Programs

ECE & EEE

Cadence training
 Hands on analog and digital circuit design

Xilinx training
 Hands on HDL programming

MATLAB training
 Hands on Image and Signal Processing

NI LabVIEW training
 Hands on Virtual Instrumentation

KEIL training
 Hands on Embedded System Programming

• CORTEX ARM training Hands on Embedded System Programming using ARM

PSOC training
 Hands on Embedded System Programming using PSOC

PCB training
 Hands on PCB design using ElevenLab

DIGILENT training Hands on electronic circuit simulation on analog discovery Kits

NI Multisim training Hands on electronic circuit simulation

AE & ME

CAD software training
 Hands on CNC programming

CESSNA Aircraft simulator based training
 Left seat InterCockpit flying experience

Finite Element Analysis
 IS Code & standard interpretation

Machine Tool Training
 Industrial drawing practice

Hands on use of field instrumentations

Hands on material testing

Design of Heat Exchangers
 Heat load calculation for thermal utilities

CSE & IT

SAP Hands on ABAP programming
 Informatica Hands on ETL tool development
 Hadoop Hands on BigData Analytics

IoT Hands on Smart Application development

CISCO Hands on CCNA, CCNP certification
 Python Hands on Python programming

Data Analytics Hands on R Programming

Oracle Hands on SCJP Certification training

CE

STADPro Hands on Structural Analysis & Design

AutoCAD practices
 Drafting and Design of Buildings

• RIVET Architecture Planning & Tracking of Building Life Cycles

Total Station Hands on training in Modern Surveying

Hearty Congratulations

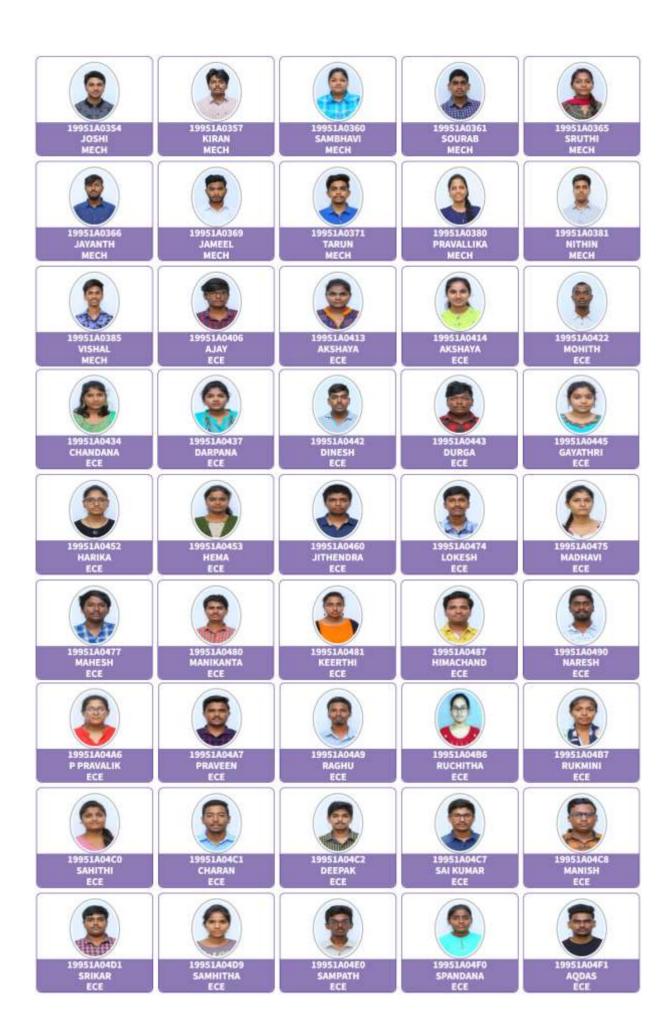
To the 2023 Passout students
Forgetting selected through Campus recruitment in

No of Selects: 217

Salary offered per annum: ₹4.5 — 6.5 Lakhs.

accenture













Salary offered per annum: ₹5 Lakhs.

Academor



Salary offered per annum: ₹9 Lakhs.









No of Selects: 2

Salary offered per annum:₹11.5 Lakhs.

amadeus





Salary offered per annum: ₹17.0 — 17.38 Lakhs.

amazon



No of Selects: 1

Salary offered per annum: ₹5.33 Lakhs.





Salary offered per annum:₹3.5 Lakhs.













No of Selects: 13

Salary offered per annum: ₹8.9 Lakhs.





Salary offered per annum: ₹4.5 Lakhs.

Deloitte.





No of Selects: 1

Salary offered per annum: ₹7 Lakhs.





Salary offered per annum: ₹4.5 Lakhs.













Salary offered per annum: ₹ 12 Lakhs.





Salary offered per annum: ₹6.37 Lakhs.



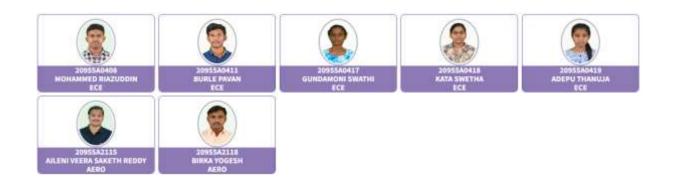


Salary offered per annum: ₹4 Lakhs.

cognizant







Salary offered per annum: ₹4.25 Lakhs.

cognizant



Salary offered per annum: ₹6 Lakhs.





No of Selects: 4

Salary offered per annum: ₹9.5 Lakhs.











Salary offered per annum: ₹5.76 Lakhs.













No of Selects: 51

Salary offered per annum: ₹4 Lakhs.









Salary offered per annum: ₹7.4 Lakhs.

\square \square \square \square \square \square









No of Selects: 4

Salary offered per annum: ₹3.25 Lakhs.











No of Selects: 5

Salary offered per annum: ₹5.5 Lakhs.

virtusa











Salary offered per annum:₹3.25 Lakhs.











No of Selects: 34

Salary offered per annum: ₹9 Lakhs.







No of Selects: **1**Salary offered per annum: ₹**4.5** Lakhs.



No of Selects: **3**Salary offered per annum: **₹5 Lakhs.**









Salary offered per annum: ₹4.5 Lakhs.



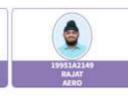


No of Selects: 6

Salary offered per annum: ₹4.7 Lakhs.











Salary offered per annum: ₹7 Lakhs.





No of Selects: 51

Salary offered per anum:₹3.6 Lakhs.







Salary offered per annum:₹**5.5 Lakhs.**

Tech Mahindra











Salary offered per annum: ₹6.5 Lakhs.

TECHNOVERT













No of Selects: 4

Salary offered per annum: ₹4 Lakhs.

tvarana









No of Selects: 5

Salary offered per annum: ₹4 Lakhs.

verzeo











Salary offered per annum: ₹5.5Lakhs.

virtusa







Salary offered per annum: ₹9 Lakhs.

WILEY EDGE







Salary offered per annum: ₹3 Lakhs.





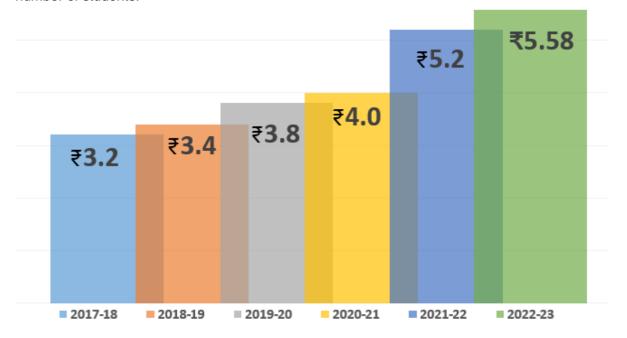
Placement and Training Center

Salary Range & Number of Offers Made

Salary	Number of Offers Made						
Range (₹) LPA	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	
30 - 15	7	8	0	0	0	0	
15 - 10	16	13	7	2	0	0	
10 - 7	87	94	16	0	23	22	
7 - 5	298	245	90	41	20	44	
5 - 4	571	703	232	80	22	0	
4 - 3	94	638	361	409	389	146	
< 3	0	1	71	54	133	300	
Total	1073	1701	777	586	579	512	

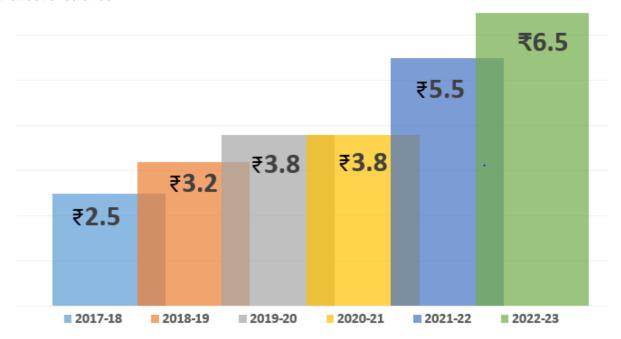
Average Salary (₹LPA) Growth in Last Six Years

Average salary by adding all the salaries for a placed students and then dividing the sum by the number of students.



Median Salary (₹ LPA) Growth in Last Six Years

Median salary is a figure that takes many salaries into account and reports the middle number in that set of salaries.



2022-23 Branch Wise Placement Statistics

Branch	Registered	Job Offers	Unique	Percentage	Max (LPA)	Median (LPA)	Average (LPA)
CSE	239	335	212	89	₹ 17.38	₹ 5.50	₹ 6.13
IT	105	130	82	78	₹ 17.38	₹ 5.50	₹ 6.47
ECE	203	268	173	85	₹ 17.10	₹ 5.00	₹ 5.53
EEE	109	118	78	72	₹ 9.50	₹ 4.50	₹ 5.14
Mech	69	100	60	86	₹ 6.50	₹ 4.50	₹ 4.68
Civil	45	47	33	73	₹ 9.50	₹ 4.50	₹ 4.38
Aero	56	75	48	85	₹ 12.00	₹ 4.50	₹ 4.82
Total	826	1073	686	83	₹ 17.38	₹ 5.00	₹ 5.58

Placement opportunities

62+ Companies

Highest salary package of Rs 17.38 lakh per annum.

Average salary package Rs 6.5 lakh per annum



Some of our recruiters



28 Institute of Aeronautical Engineering Prospectus 2023-24

Number of Selections | Company | Salary Per Annum

10 AMAZON Rs. 14-17 Lakhs	11 EPAM Rs. 12 Lakhs	O2 AMADEUS Rs. 11.5 Lakhs	04 JSW Rs. 9.5 Lakhs	34 SEARS Rs. 9 Lakhs
DBS Rs. 8.9 Lakhs	O3 ACCOLITE DIGITAL Rs. 9 Lakhs	38 EY Rs. 6.3 Lakhs	O2 DELOITTE Rs. 4.5 Lakhs	03 WILEY/EDGE Rs. 9 Lakhs
216 ACCENTURE Rs. 6.5-4.5 Lakhs	219 DXC Rs. 4.5 Lakhs	126 VIRTUSA Rs. 6-7 Lakhs	131 COGNIZANT Rs. 4-6.5 Lakhs	63 TCS Rs. 3.5-7 Lakhs
O3 TATA ADVANCED SYSTEM Rs. 5 Lakhs	1	O6 TATA TECHNOLOGIES Rs. 4.7 Lakhs		01 TATA POWER Rs. 4.7 Lakhs
04	07	05	04	04
LUMEN Rs. 7.4 Lakhs	HEXAWARE Rs. 6 Lakhs	LEGATO Rs. 5.76 Lakhs	TVARANA Rs. 4 Lakhs	MPHASIS Rs. 3.25 Lakhs
51	05	01	01	01
LTI Rs. 4-6.5 Lakhs	TECH MAHINDRA Rs. 5.5 Lakhs	DELTAX Rs. 7 Lakhs	SMARTSOC Rs. 7 Lakhs	BYTERDIGE Rs. 5.33 Lakhs
06	04	05	27	05
TECHNOVERT Rs. 6.5 Lakhs	QUEST Rs. 3.25 Lakhs	VERZEO Rs. 4 Lakhs	ACADEMOR Rs. 5 Lakhs	CES Rs. 3.5 Lakhs
20 YAMAHA Rs. 3 Lakhs	10 JBM Rs. 3 Lakhs			

Prospectus 2023-24 iare.ac.in 29

TIPS FOR CAMPUS PLACEMENTS

Self Assessment

The first preparation that you can make for an employment interview is to give some serious thought about yourself by taking stock of your needs, interests and preferred job outcomes. Also, take stock of your strengths and weaknesses. Reflect on your goals and ambitions.

A good starting point would be to prepare a detailed Resume, which is merely a comprehensive and wellorganized record of your accomplishments. As you prepare it, you will have to review your academic qualifications, knowledge, skills, experiences and achievements.

Job Analysis

The next step is to analyze the job opportunity to find out whether the organization and the job provides you the right opportunities keeping in mind your personal capabilities as well as your career goals. You can analyze the job opportunity under the following steps.

The Firm

- Back ground of the company
- Products and services
- Capital invested and turnover
- Profit performance
- Number of employees
- Location-factory and branches
- Future plans of the company
- Competitors
- Any important issue of the organization that has been noteworthy

Your source of information could be

- Balance sheet of the company
- Chairman's speech at the last General Body meeting of the company
- Brochures and pamphlets of the company
- Job opportunity announcement
- Talking to the employees of the company especially to the senior alumni

The Appointment

- Title of the job
- Number of posts
- Method or extent of company training and confirmation Remuneration

Levels of staff

- Accountability / challenges
- Job safety / risks

Duties & responsibilities pertaining to the job

- Routine / creative type of work
- Qualities needed for success and confirmation

Conditions of Employment

- Location / area of posting
- Remuneration & perks
- Day / hours of work / leave facilities
- Agreement contract / service bond
- Retirement benefits

Promotion Prospects

- Criteria
- Span periods of assessment for promotion
- Prospects for your specialization

Selection Evaluation

After the above job analysis, prepare a possible list of desirable qualities, which the firm would be looking for in a prospective candidate for that particular job. Try to match your capabilities with these qualities.

Try to improve on your shortcomings and enhance your capabilities.

Listed below are certain qualities, which are generally assessed in interviews with the priorities and weightages, varying with the job.

Academic

- Good scholastic record
- Preparation for interview
- Formulated long range goals & objectives

Personality

- Enthusiasm
- Self confidence
- Pleasant personality
- Emotional stability
- Poise in the interview
- Aggressiveness & Initiative
- Efficiency
- Moral standards
- Humility
- Good health
- Extracurricular activities

Communication & Leadership qualities

- Communication skills
- Writing skills
- Leadership potential
- Managerial Skills
- Interest in people

Organizational requirements

- Work experience of particular type
- Loyalty
- Compatibility with superiors
- Realistic salary expectations
- Willingness to accept routine assignments

PREPARATION FOR THE INTERVIEW

Familiarity with the interview process You will be more confident in the interview, if you prepare well in advance for the type of questions and the areas of specialization that are likely to be tested in the interview.

Personnel selection procedures vary greatly depending on the organization, the type of job and level

of the job. Generally, the job selection is made by anyone or a combination of the following.

- Preliminary, written tests like intelligence test, English Language test, Logical Reasoning test, Mathematical skill test, Technical Knowledge test etc.
- Group Discussions
- Personal Interviews
- Medical test
- For certain types of jobs, other tests like Leadership potential tests, Group tasks, Physical Endurance tests may also be used for assessment.

Academic Preparation

A sound knowledge of various subjects pertaining to your professional course is important. Preparation of a question bank with answers for the subjects, which you have studied, will be of great help in this regard. This would give you considerable confidence in facing the Technical part of the interview. A broader perspective of the subjects, through a study of technical books and journals, will give you an edge over others.

Project work

Considerable weightage is generally given to your final year project work, as it is supposed to reflect your own work. In the interviews, quite a lot of questions will pertain to your project work to evaluate your understanding and knowledge of the topic.

Impressive presentation of your project work can win you a job in many cases. You should have a comprehensive knowledge of the topic, including a clear understanding of the work presented in your project work. Rehearse the presentation of your project work to get sufficient practice and confidence.

A very common question regarding project work is 'Why did you choose this particular topic?' And 'What are practical applications?'

Practical Training

If you have undergone any practical training, this will be a credential for you. Volunteer this information during the interview, whenever you get the opportunity. Some questioning will generally be there on what you have learnt or observed during the training. Prepare a brief write-up on the training that you have undergone, so that you can answer questions convincingly on this topic.

If you have, to your credit, any achievements like writing of a Technical paper, participation in seminar talks, fabrication of equipment, winning a prize in a Technical competition etc, list them out in detail and create an opportunity during the interview to project them before the interview committee.

Extra Curricular Activities

If you have distinguished yourself in extracurricular activities like sports, debate, NSS, cultural or any other activity where your leadership and organizational ability is involved, list them out. Such achievements must be authenticated or certificated. Be sure that you have a broader understanding of your field of interest, so that you can talk with confidence and authority on those topics. Some weightage is generally given for achievements in the above-mentioned fields.

Hobbies

If you are interested and proficient in any hobbies like music, drama, painting, literature, numismatics, philately etc, it is again a credential for you and sometimes can greatly help you in developing a positive rapport with interviewer, if that person also happens to be interested in them.

A professional person is expected to be aware of the current events and have a broad understanding of the general events happening in society. In many interviews, there will be questions on these topics. Reading of newspapers and magazines and selective T.V. Viewing is a desirable habit. Also, participation in activities like quiz programs, seminars, essay writing etc. can give you considerable confidence in this regard.

Communication Skills

Ability to present your thoughts and ideas fluently in simple and correct language will be a great asset to your personality. If your communication skills are not up to the mark, you can improve your communication skill by consciously listening to some good speakers, Tip for Campus speaking to some of your friends who ar good in English speaking and trying to speak in Englis at least in informal gatherings. There is no shortcut to gain fluency in English. The only way out is to overcome your inhibitions with some effort and star speaking in English. It is also important to practice you modulation during your practice sessions.



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